HP Networking

Pocket guide

2014

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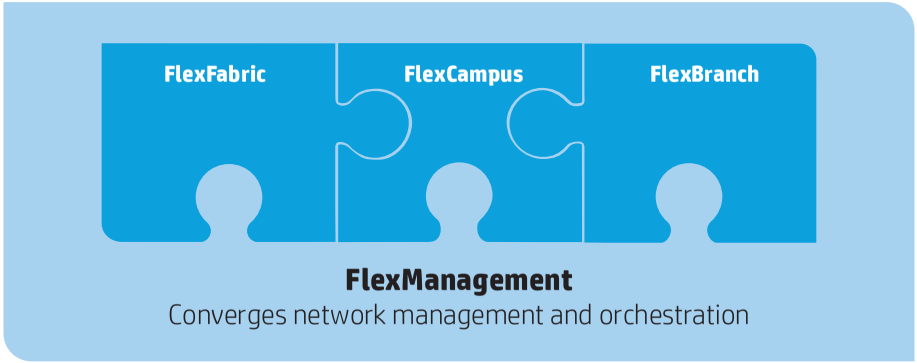
HP delivers innovative networking solutions to help organizations improve their time-to-value, operational excellence, and ability to leverage networking technologies.

FlexNetwork architecture



Exceeding today's customer needs

Mid to large enterprise

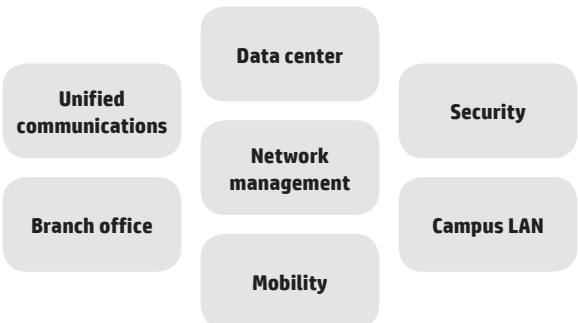
- Mission-critical data center solutions integrating server, storage, networking, and management
- Flexible, simplified, and cost-effective converged infrastructure
- Headquarters-like experience and connectivity for branch office users
- Seamless and secure user experience for wireless and mobile applications
- Easy to deploy and manage cloud-managed wireless applications for SMB and distributed office locations

Small and medium businesses

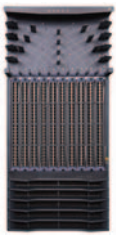
- Intuitive, plug-and-play networking solutions that are easy to deploy and simple to manage
- Minimal incremental costs to deploy secure wireless connectivity
- Cost-effective voice, video, data, and application delivery
- Networking that can be deployed today and is easily scalable for future growth

A comprehensive networking portfolio

Edge-to-core networking solutions



Data center/ Core



OpenFlow

HP FlexFabric 12916 Switch
AC Chassis
(JG632A)
$35,000

HP FlexFabric 12910 Switch
AC Chassis
(JG619A)
$25,000

Recommended service options

Care Pack #	Description	U.S. list price
U1QP5E	3 Yr 6hr CTR Proactive Care (12916)	$147,830
U1QP1E	3 Yr 4 hr/24x7 Proactive Care (12916)	$111,887
U1RJ6E	3 Yr Foundation Care 24x7 (12916)	$79,935
U1BJ0E	3 Yr 6hr CTR Proactive Care (12910)	$103,864
U1BH6E	3 Yr 4 hr/24x7 Proactive Care (12910)	$78,609
U3GE9E	3 Yr Foundation Care 24x7 (12910)	$56,159

Note: The service on the chassis or switch covers HP-branded hardware options not designated by HP as requiring separate coverage that are qualified for the system, are purchased at the same time or afterward, and are internal to the system (e.g., connectivity modules, transceivers, and internal power supplies).

Features and benefits

- Modern, non-blocking, lossless Clos architecture offers flexibility and scalability to meet future growth
- Flexible, resilient, and scalable Layer 2 fabrics with TRILL and HP Intelligent Resilient Framework (IRF)
- Data Center Bridging (DCB) protocols support common standards for converged fabrics
- Support for Fibre Channel over Ethernet (FCoE) features, including expansion, fabric, trunk VF and N ports, and aggregation of port virtualization
- Enhanced modularity offers separation of data and control planes
- High-density 10GbE and 40GbE interface connectivity offers scalable options; 100GbE a future option

Competing products

- Cisco Nexus 7000

HP 12500 Switch Series

HP 12518 AC Switch Chassis
(JF430C)
$24,990

HP FlexFabric 12518E AC
Switch Chassis
(JG784A)
$60,000

HP 12518 DC Switch Chassis
(JC653A)
$24,990

HP FlexFabric 12518E DC
Switch Chassis
(JG785A)
$60,000

OpenFlow

HP 12508 AC Switch Chassis
(JF431C)
$12,990

HP FlexFabric 12508E AC
Switch Chassis
(JG782A)
$25,000

HP 12508 DC Switch Chassis
(JC652A)
$12,990

HP FlexFabric 12508E DC
Switch Chassis
(JG783A)
$25,000

HP 12504 AC Switch Chassis
(JC654A)
$6,990

HP 12504 DC Switch Chassis
(JC655A)
$6,990

Recommended service options

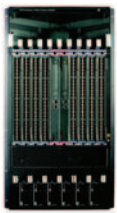
Care Pack #	Description	U.S. list price
U1RH0E	3 Yr 6hr CTR Proactive Care (12518E)	$163,763
U1RG2E	3 Yr 4hr/24x7 Proactive Care (12518E)	$120,213
U2Q89E	3 Yr 6hr CTR Proactive Care (12518)	$132,743
U2Q86E	3 Yr 4hr/24x7 Proactive Care (12518)	$100,466
U1QY7E	3 Yr 6hr CTR Proactive Care (12508E)	$91,155
U1QX9E	3 Yr 4hr/24x7 Proactive Care (12508E)	$66,916
U2Q44E	3 Yr 6hr CTR Proactive Care (12508)	$58,265
U2Q41E	3 Yr 4hr/24x7 Proactive Care (12508)	$44,097
U7M23E	3 Yr 6hr CTR Proactive Care (12504)	$31,299
U7M20E	3 Yr 4hr/24x7 Proactive Care (12504)	$23,692

Features and benefits

- Next-generation, large core/data center switching platforms
- 2.2 billion packets per second of forwarding throughput enables fast data processing
- Up to 512 10GbE ports or 864 GbE ports to handle the most demanding enterprise network applications
- IRF technology enables multiple interconnected switches to be managed as a single logical entity
- Layer 2/3 (IPv4/IPv6/MPLS) and fully distributed wire-speed forwarding enable high-performance networking
- Non-blocking, zero service interruption design provides the highest levels of availability and resilience

Competing products

- Cisco Nexus 7000
- Brocade BigIron RX
- Brocade NetIron MLX
- Juniper Networks EX8200



HP FlexFabric 11908-V
Switch Chassis
(JG608A)
$10,000

Recommended service options

Care Pack #	Description	U.S. list price
U0NF7E	3 Yr 6hr CTR Proactive Care	$69,298
U0NF5E	3 Yr 4hr/24x7 Proactive Care	$52,451
U3GE8E	3 Yr Foundation Care 24x7	$37,473

Features and benefits

- Modern, non-blocking, lossless Clos architecture offers flexibility and scalability to meet future growth
- Flexible, resilient, and scalable Layer 2 fabrics with TRILL and HP IRF
- Feature-rich routing with IPv4/IPv6, MPLS, and QoS
- Enhanced modularity offers separation of data and control planes
- High-density 10GbE and 40GbE interface connectivity offers scalable options; 100GbE across 7.7 Tbps switch fabric

Competing products

- Cisco Nexus 7000
- Brocade VDX 8770
- Juniper EX9200

OpenFlow

HP FlexFabric 7904 Switch Chassis
(JG682A)
$25,000

Recommended service options

Care Pack #	Description	U.S. list price
U1RV7E	3 Yr 6hr CTR Proactive Care (7904)	$29,893
U1RV3E	3 Yr 4hr/24x7 Proactive Care (7904)	$22,624
U1RV1E	3 Yr Foundation Care 24x7 (7904)	$16,163

Features and benefits

- Next-generation compact modular data center core switch
- Supports virtualized data centers and public and private cloud deployments
- Supports scale-out, two-tier leaf-spine architectures with greater reliability
- Provides high-density 10GbE, 40GbE, and 100GbE interfaces in a smaller footprint than a traditional modular chassis
- Combines the investment protection and flexibility of a chassis—but in a smaller footprint and at a lower entry price

Competing products

- Cisco Nexus 6004X
- Arista 7250QX-64
- Dell Z9000
- Juniper QFX5100-24Q

OpenFlow

HP FlexFabric 5930-32QSFP+ Switch
(JG726A)
$34,990

Recommended service options

Care Pack #	Description	U.S. list price
U1QE2E	3 Yr 6hr CTR Proactive Care	$28,486
U1QD8E	3 Yr 4hr/24x7 Proactive Care	$21,556
U3GD7E	3 Yr Foundation Care 24x7	$15,399

Features and benefits

- Cut-through with ultra-low-latency and wire speed
- VXLAN and NVGRE hardware support for virtualized environments
- High-density 40GbE spine/top-of-rack (ToR) connectivity
- IPv6 support with full L2 and L3 features
- Convergence-ready with DCB, FCoE, and TRILL

Competing products

- Cisco Nexus 3132Q

HP FlexFabric 5920 Switch Series

HP FlexFabric 5920AF-24XG Switch (JG296A)[1]
$19,490

Recommended service options

Care Pack #	Description	U.S. list price
U1V68E	3 Yr 6hr CTR Proactive Care	$13,793
U1V65E	3 Yr 4hr/24x7 Proactive Care	$10,436
U3GC5E	3 Yr Foundation Care 24x7	$7,455

Features and benefits

- Data center-ready ToR switch that provides high-performance 10GbE switching with deep data buffers for demanding applications
- 1 RU model delivers 24 x 10GbE ports with 3.6 GB packet buffer uplinks to help eliminate traffic congestion
- Delivers ultra-low latency for high performance (367.12 mpps) and high switching capacity (480 Gbps) to support demanding applications
- Data center-optimized with redundant power supplies and fan trays, and front-to-back/back-to-front airflow to enhance data center reliability
- Full L2/L3, IPv4/IPv6 dual stack for protecting network investments
- HP IRF for virtualization/two-tier architecture

Competing products

- Cisco Nexus 5010

HP FlexFabric 5900v Virtual Switch Series

OpenFlow

HP FlexFabric Virtual Switch 5900v for VMware ESX 5.x E-LTU (JG814AAE)
$495

HP FlexFabric Virtual Switch Orchestration Software for 5900v VMware ESX E-LTU (JG815AAE)
$1,995

Recommended service options

Care Pack #	Description	U.S. list price
U2V15E	3 Yr 24x7 Proactive Care SW (JG814AAE)	$311
U4AM4E	3 Yr Foundation Care 24x7 (JG814AAE)	$229
U2V66E	3 Yr 24x7 Proactive Care SW (JG815AAE)	$1,213
U4AP0E	3 Yr Foundation Care 24x7 (JG815AAE)	$884

Features and benefits

- Flexible design allows users to define and manage database of application network policies via IMC VAN Connection Manager console
- Integration with vCenter console delivers automated application policy provisioning
- Virtual Switch Orchestrator manages all communications, providing central control for physical and virtual network infrastructure
- Offers robust VM traffic manageability, Quality of Service, and forwarding support in hardware
- Scalable delivery of corporate network security and monitoring policies into virtual environments

Competing products

- Cisco Nexus 1000v
- IBM V5000

HP FlexFabric 5900CP Series

HP FlexFabric 5900CP-48XG-4QSFP+ Switch (JG838A)
$29,999

Recommended service options

Care Pack #	Description	U.S. list price
U0FY2E	3 Yr 6hr CTR Proactive Care	$11,933
U0FX3E	3 Yr 4hr/24x7 Proactive Care	$9,038
U0GP7E	3 Yr Foundation Care 24x7	$6,458

Features and benefits

- Wire once data center convergence with FCoE
- High-performance data center switching
- Business agility and resilience with Comware 7
- Simplicity and lower TCO

Competing products

- Cisco Nexus 5548UP

HP FlexFabric 5900 Switch Series

OpenFlow

HP FlexFabric 5900AF-48XG-4QSFP+ Switch (JC772A)[1]
$20,990

HP FlexFabric 5900AF-48XGT-4QSFP+ Switch (JG336A)
$20,990

HP FlexFabric 5900AF-48G-4XG-2QSFP+ Switch (JG510A)
$7,990

Recommended service options

Care Pack #	Description	U.S. list price
U5Y02E	3 Yr 6hr CTR Proactive Care (5900AF-48XG and 5900AF-48XGT)	$12,273
U5X99E	3 Yr 4hr/24x7 Proactive Care (5900AF-48XG and 5900AF-48XGT)	$9,285
U3GC2E	3 Yr Foundation Care 24x7 (5900AF-48XG and 5900AF-48XGT)	$6,633
U8E29E	3 Yr 6hr CTR Proactive Care (5900AF-48G)	$3,940
U8E27E	3 Yr 4hr/24x7 Proactive Care (5900AF-48G)	$2,985
U3GA3E	3 Yr Foundation Care 24x7 (5900AF-48G)	$2,133

Features and benefits

- High port density 10GbE ToR switch ideally suited for deployment at the server access layer in large enterprise data centers; can also be deployed in core layer for medium data centers
- Cut-through design for ultra-low 10GbE latency (~1 microsecond)
- HP IRF for virtualization/two-tier architecture
- High 10GbE ToR port density with 40GbE uplink
- Full L2/L3, IPv4/IPv6 dual-stack for protecting network investments
- Convergence-ready with data center bridging (DCB) support; FCoE available in the future

Competing products

- Cisco Nexus 3064
- Juniper QFX3500
- Arista 7050S-64
- Dell Force10 S4810
- IBM BNT RackSwitch G8264

HP 5830 Switch Series

HP 5830AF-96G Switch
(JC694A)[1]
$23,990

HP 5830AF-48G Switch
with 1 Interface Slot
(JC691A)[1]
$11,990

Recommended service options

Care Pack #	Description	U.S. list price
U2T77E	3 Yr 6hr CTR Proactive Care (5830AF-96G)	$23,813
U2T74E	3 Yr 4hr/24x7 Proactive Care (5830AF-96G)	$18,022
U3GD6E	3 Yr Foundation Care 24x7 (5830AF-96G)	$12,876
U2T68E	3 Yr 6hr CTR Proactive Care (5830AF-48G)	$12,046
U2T65E	3 Yr 4hr/24x7 Proactive Care (5830AF-48G)	$9,121
U3GC1E	3 Yr Foundation Care 24x7 (5830AF-48G)	$6,517

Features and benefits

- Ideal for data center ToR, campus deployment, and service provider aggregation or access deployments
- Stackable, high port density for high scalability
- Space-saving 1 RU HP 5830AF-48G model delivers 48 1GbE ports and up to four 10GbE ports; 2 RU HP 5830AF-96G provides 96 1GbE ports and up to ten 10GbE uplink ports
- HP Intelligent Resilient Framework technology for simpler two-tier networks
- Ultra-deep packet buffering (1 GB and 3 GB for 1 RU and 2 RU, respectively) to eliminate network congestion at I/O associated with heavy use of server virtualization, bursty multimedia, and storage applications
- Data center–optimized design supports redundant hot-swappable power supplies and fans to help ensure hardware availability, front-to-back or back-to-front airflow for hot- and cold-aisle isolation requirements

Competing products

- Cisco 3750X-48T
- Cisco 4948E, 4948E-F, 4900M
- Arista 7148SX
- Brocade FCX 648

HP 5820 Switch Series

OpenFlow

HP 5820-24XG-SFP+ Switch (JC102A)[1]
$16,459

HP 5820AF-24XG Switch (JG219A)
$16,490

HP 5820-14XG-SFP+ Switch with 2 Slots (JC106A)[1]
$18,289

Recommended service options

Care Pack #	Description	U.S. list price
U2P18E	3 Yr 6hr CTR Proactive Care	$11,766
U2P15E	3 Yr 4hr/24x7 Proactive Care	$8,902
U3GC0E	3 Yr Foundation Care 24x7	$6,359

Features and benefits

- High-performance 10GbE flex chassis switches, with switching capacity of 488 Gbps
- IRF technology that allows managing multiple switches with a single IP address
- Open Application Architecture (OAA) that extends and integrates application capability into the network
- Extensible embedded application capabilities enable integrating services into the network, consolidating devices and appliances to simplify deployment and reduce power consumption and rack space
- Especially useful in high-performance, high-density building or department cores as part of a consolidated network; for data center ToR server access; or as high-performance Layer 3, 10GbE aggregation switches in campus and data center networks

Competing products

- Cisco Nexus 5000
- Cisco Catalyst 4900M
- Brocade TurboIron 24X
- Brocade FastIron CX
- Juniper Networks EX8200
- Juniper Networks EX4500
- Juniper Networks EX4200
- Extreme Networks Summit X650

HP 5800 Switch Series

OpenFlow

HP 5800-48G Switch with 2 Slots (JC101A)[1]
$13,709

HP 5800-48G-PoE Switch (JC104A)[1]
$13,709

HP 5800-24G-PoE+ Switch (JC099A)[1]
$7,309

HP 5800-48G Switch (JC105A)[1]
$11,879

HP 5800-24G-SFP Switch (JC103A)[1]
$11,879

HP 5800-24G Switch (JC100A)[1]
$6,399

HP 5800AF-48G Switch (JG225A)
$10,990

Recommended service options

Care Pack #	Description	U.S. list price
U2T14E	3 Yr 6hr CTR Proactive Care (5800-48G)	$15,565
U2T11E	3 Yr 4hr/24x7 Proactive Care (5800-48G)	$10,760
U3GC7E	3 Yr Foundation Care 24x7 (5800-48G)	$7,690
U2P09E	3 Yr 6hr CTR Proactive Care (5800-24G)	$9,017
U2P06E	3 Yr 4hr/24x7 Proactive Care (5800-24G)	$6,241
U3GB5E	3 Yr Foundation Care 24x7 (5800-24G)	$4,461

Features and benefits

- Advanced GbE and 10GbE flex chassis switches with L2/L3/L4 capability, RIP/OSPF routing
- High port density and the flexibility, scalability, and reliability of a modular platform coupled with the ease of use of a stackable switch
- Up to 284 Gbps switching capacity
- Two front-facing expansion slots that can dramatically increase 10GbE or GbE port density for even greater deployment flexibility and network infrastructure investment protection
- Some models feature 802.3af Power over Ethernet (PoE), with support for mid-power of up to 30 W per port, and are PoE+ ready
- Optimized for deployment in building or department network cores, or the aggregation and access layers of enterprise campus networks

Competing products

- Juniper Networks EX4200
- Extreme Networks Summit X480
- Cisco 3750X-48T
- Cisco 4948E
- Brocade FCX 648

HP FlexFabric 5700 Switch Series

OpenFlow

HP FlexFabric 5700-40XG-2QSFP+ Switch
(JG896A)
$9,990

HP FlexFabric 5700-48G-4XG-2QSFP+ Switch
(JG894A)
$7,990

HP FlexFabric 5700-32XGT-8XG-2QSFP+ Switch
(JG898A)
$11,490

Recommended service options

Care Pack #	Description	U.S. list price
U4VF5E	3 Yr 4hr/24x7 Proactive Care	$1,616
U4VE9E	3 Yr NBD Proactive Care	$1,174
U4VE5E	3 Yr Foundation Care 4 hr Exchange	$919

Features and benefits

- Data center expansion through added local switching capacity
- Lower TCO with competitive costs and simple management
- Support options for a range of budgets, including 1/10GbE ports that support SFP, and 10BASE-T with 10/40GbE uplinks
- High-performance data center switching, with up to 960 Gbps switching capacity
- Low latency to improve throughput and reduce the number of lost packets
- Business agility and resilience with Comware 7
- Faster application response time and simplified management with IRF
- Support for leaf-spine configurations, which enhances network agility with ECMP and speeds convergence

Competing products

- Cisco Nexus 2000 Series Fabric Extenders

HP 6125 Switch Series

HP 6125XLG Ethernet Blade Switch (711307-B21)
$13,999

HP 6125G/XG Ethernet Blade Switch (658250-B21)
$5,499

HP 6125G Ethernet Blade Switch (658247-B21)
$1,999

Recommended service options

Care Pack #	Description	U.S. list price
U8K35E	3 Yr 6hr CTR Proactive Care (711307-B21)	$963
U8K29E	3 Yr 4hr/24x7 Proactive Care (711307-B21)	$657
U2HF2E	3 Yr Foundation Care 24x7 (711307-B21)	$404

Features and benefits

- Robust Layer 2/3 Comware-based switching functions, QoS metering, security, and high-availability features
- 1 Gb, 10 Gb, and 40 Gb uplink options available
- Reduced network management complexity through core-to-edge connectivity and automated provisioning technologies powered by IMC
- Excellent investment protection, flexibility, and scalability, as well as ease of deployment and reduced operational expense
- Ethernet, iSCSI, and FCoE options tailored for every data center

Competing products

For the HP 6125XLG:

- Cisco FEX
- IBM Flex System EN4093R
- Dell Force10 MXL

For the HP 6125G/XG and HP 6125G:

- Cisco 3120
- IBM Blade Center 1/10G uplink Ethernet Switch module
- Dell M6220

HP 6120 Switch Series

HP 6120XG Blade Switch
(516733-B21)
$11,499

Recommended service options

HP 6120XG Blade Switch is covered by the Care Pack service on the enclosure.

Features and benefits

- Robust Layer 2+ switching functions, QoS metering, security, and high-availability features
- Well suited for data centers requiring 10 Gb high-performance architectures including FCoE
- Reduced network management complexity through core-to-edge connectivity and automated provisioning technologies
- Excellent investment protection, flexibility, and scalability, as well as ease of deployment and reduced operational expense

Competing products

- Cisco FEX
- IBM Blade Center Virtual Fabric 10G Switch module
- Dell M8024-K

HP Virtual Connect Modules

HP Virtual Connect FlexFabric
10 Gb/24-port Module
(571956-B21)
$18,499

HP Virtual Connect FlexFabric
10/24 Enterprise Edition
BLc7000 Option
(605865-B21)
$40,749

Recommended service options

Care Pack #	Description	U.S. list price
U3D59E	3 Yr 24x7 Proactive Care SW (605865-B21)	$1,707
U2WH4E	3 Yr Foundation Care 24x7 (605865-B21)	$1,245

Features and benefits

- Simplest, most converged and flexible way to connect virtualized server blades to any data or storage network
- Eliminates up to 95 percent of network sprawl at the server edge, converges traffic inside enclosures, and directly connects to LANs and SANs
- Each module provides four adjustable connections (three data and one storage or all data) to each 10 Gb server port
- Built-in connection management enables server adds, moves, and replacement in minutes instead of days
- Min/Max bandwidth optimization allows more efficient use of network bandwidth

Competing products

N/A

HP TippingPoint Next Generation Firewall Series

HP S1050F NGFW Appliance (JC882A)
$4,995

HP S3010F NGFW Appliance (JC883A)
$13,995

HP S3020F NGFW Appliance (JC884A)
$18,995

HP S8005F NGFW Appliance (JC885A)
$49,995

HP S8010F NGFW Appliance (JC886A)
$70,995

Recommended service options

Care Pack #	Description	U.S. list price
U3LZ2E	3 Yr Foundation Care NBD Exchange (S8010F)	$37,184
U3LY8E	3 Yr Foundation Care NBD Exchange (S8005F)	$26,142
U3LY0E	3 Yr Foundation Care NBD Exchange (S3020F)	$9,900
U3LX4E	3 Yr Foundation Care NBD Exchange (S3010F)	$7,260
U3LV5E	3 Yr Foundation Care NBD Exchange (S1050F)	$2,617

Features and benefits

- Advanced security protection, with over 7,500 filters, blocks vulnerabilities without impacting network performance
- Developed on HP TippingPoint Next Generation Intrusion Prevention System (NGIPS) engine with a 99.99999 percent network uptime track record
- Gain broader visibility and granular control over authorized and unauthorized applications running on a network
- Enhanced and flexible policy setting reduces operational expenses and enables a consistent security posture across HP network security devices
- Weekly threat protection services from industry leaders HP DVLabs help ensure protection from the latest threats and attacks

Competing products

N/A

HP Firewall Series

HP F5000 Firewall Standalone Chassis (JG216A)
$23,999

HP F1000-E VPN Firewall Appliance (JD272A)
$45,719

HP F1000-EI VPN Firewall Appliance (JG214A)
$14,795

HP F1000-S-EI VPN Firewall Appliance (JG213A)
$10,495

HP 12500 VPN Firewall Module (JC635A)
$34,990

HP 10500/11900/7500 20Gbps VPN Firewall Module (JG372A)
$29,995

Recommended service options

Care Pack #	Description	U.S. list price
U2T86E	3 Yr 6hr CTR Proactive Care (F5000)	$72,677
U2T83E	3 Yr 4hr/24x7 Proactive Care (F5000)	$53,704
U1ZK9E	3 Yr Foundation Care 24x7 (F5000)	$38,208
U2Q08E	3 Yr 6hr CTR Proactive Care (S1000)	$16,526
U2Q05E	3 Yr 4hr/24x7 Proactive Care (S1000)	$12,060
U3GD0E	3 Yr Foundation Care 24x7 (S1000)	$8,485
U2U22E	3 Yr 6hr CTR Proactive Care (F1000)	$19,347
U2U19E	3 Yr 4hr/24x7 Proactive Care (F1000)	$14,450
U1ZK6E	3 Yr Foundation Care 24x7 (F1000)	$10,279
U2T95E	3 Yr 6hr CTR Proactive Care (12500 VPN FW)	$14,777
U2T92E	3 Yr 4hr/24x7 Proactive Care (12500 VPN FW)	$11,882
U3GD1E	3 Yr Foundation Care 24x7 (12500 VPN FW)	$8,846
U1BC4E	3 Yr 6hr CTR Proactive Care (10500/11900/7500 Mod)	$25,652
U1BC0E	3 Yr 4hr/24x7 Proactive Care (10500/11900/7500 Mod)	$18,937
U1ZK8E	3 Yr Foundation Care 24x7 (10500/11900/7500 Mod)	$13,419

Features and benefits

- Full-featured appliances with advanced scalable network protection from the network core to the network edge
- Virtual firewall throughput up to 40 Gbps
- VPN capabilities include GRE, L2TP, and IPSec tunneling technologies suitable for VPN gateways
- Series includes all advanced security capabilities found in unified software platform of HP switches and routers
- Easy integration, simple management, carrier-grade reliability, and network deployment infrastructure to reduce total cost of ownership

Competing products

N/A

HP SDN Solutions

HP VAN SDN base software w/50-node E-LTU (J9863AAE)
$495

HP VAN SDN Controller Additional 50-node License E-LTU (J9864AAE)
$4,990

HP VAN SDN Controller High Availability License E-LTU (J9865AAE)
$9,990

HP Network Optimizer SDN Application 100 Concurrent Clients E-LTU (J9985AAE)
$2,500

HP Network Protector SDN Application 250 Concurrent Clients E-LTU (JL004AAE)
$1,250

HP Network Protector RepDV Subscription 250 Concurrent Clients 1 Year E-LTU (JL005AAE)
$1,250

HP Network Protector RepDV Subscription 1000 Concurrent Clients 1 Year E-LTU (JL006AAE)
$4,000

HP Network Protector RepDV Subscription 2000 Concurrent Clients 1 Year E-LTU (JL007AAE)
$6,000

HP Network Protector RepDV Subscription 4000 Concurrent Clients 1 Year E-LTU (JL008AAE)
$8,000

Recommended service options

Care Pack #	Description	U.S. list price
U2V15E	3 Yr 24x7 Proactive Care SW (J9863AAE)	$311
U4AM4E	3 Yr Foundation Care 24x7 (J9863AAE)	$229
U2V27E	3 Yr 24x7 Proactive Care SW (J9864AAE)	$2,705
U4AR1E	3 Yr Foundation Care 24x7 (J9864AAE)	$1,966
U2V75E	3 Yr 24x7 Proactive Care SW (J9865AAE)	$5,535
U4AR5E	3 Yr Foundation Care 24x7 (J9865AAE)	$3,881
U4QV8E	3 Yr 24x7 Proactive Care SW (J9985AAE)	$1,640
U4QV7E	3 Yr Foundation Care 24x7 (J9985AAE)	$1,213
U4QU9E	3 Yr 24x7 Proactive Care SW (JL004AAE)	$949
U4QU8E	3 Yr Foundation Care 24x7 (JL004AAE)	$649

Features and benefits

- Provides a unified control point in an OpenFlow network, simplifying management, provisioning, and orchestration
- Enables delivery of next-generation application-based network services
- Provisions physical and virtual switches via industry-standard OpenFlow protocol
- Offers security and QoS provisioning required in a BYOD environment
- Designed to operate in campus, data center, or service provider environments

Competing products

- Big Switch Big Network Controller
- NEC ProgrammableFlow Controller
- IBM Programmable Network Controller

Campus LAN/ Branch

HP 10500 Switch Series

OpenFlow

HP 10512 Switch Chassis
(JC748A)
$15,999

HP 10508-V Switch Chassis
(JC611A)
$10,000

HP 10508 Switch Chassis
(JC612A)
$8,500

HP 10504 Switch Chassis
(JC613A)
$6,000

Recommended service options

Care Pack #	Description	U.S. list price
U6N27E	3 Yr 4hr/24x7 Proactive Care (10512)	$78,903
U6N23E	3 Yr NBD Proactive Care (10512)	$57,212
U3SV7E	3 Yr Foundation Care 4 hr Exchange (10512)	$44,786
U2U01E	3 Yr 4hr/24x7 Proactive Care (10508 and 10508-V)	$48,014
U2T98E	3 Yr NBD Proactive Care (10508 and 10508-V)	$34,984
U3NK4E	3 Yr Foundation Care 4 hr Exchange (10508 and 10508-V)	$27,379
U2U10E	3 Yr 4hr/24x7 Proactive Care (10504)	$39,195
U2U07E	3 Yr NBD Proactive Care (10504)	$28,558
U3NK2E	3 Yr Foundation Care 4 hr Exchange (10504)	$22,349

Features and benefits

- Ideal solution for enterprise campus core deployment with over 11.5 terabits per second switching capacity and new support for 100GbE
- Class-leading 1/10/40GbE line-rate density and less than 3 microsecond latency, enabling flatter, more agile campus networks; supports up to 2,304 wire-speed 10GbE, or 384 ports of 40GbE, or 96 ports of 100GbE
- Advanced Clos architecture for high capacity, scalability, and reliability
- In-service software upgrade (ISSU) provides upgrade of entire chassis and zero packet loss software updates
- HP IRF for architectural simplicity and unmatched resiliency
- Routing switch with full L2/L3/MPLS/VPLS and application support across all IRF links
- Advanced routing switch with full support for RIP/RIPng/OSPFv2, v3/BGPv4, BGP+/IS-IS, IS-IS v6/MPLS/VPLS, and application support
- Unified wired and wireless module solution supports up to 1,049 AP and 220,000 wireless clients per module
- Energy-efficiency solution that contributes to overall OPEX savings
- Robust, license-free software with full Layer 3 feature set with IPv6/MPLS functionality

Competing products

- Cisco Catalyst 6500
- Cisco Catalyst 6500VSS
- Cisco Catalyst 6500E
- Brocade BigIron MX
- Juniper Networks EX8200

HP 7500 Switch Series

HP 7510 Switch with 2 48-port Gig-T PoE+ Modules and 768Gbps MPU
(JG509A)
$24,449

HP 7510 Switch Chassis
(JD238B)
$8,229

HP 7506 Switch with 2 48-port Gig-T PoE+ Modules and 384Gbps MPU with 2 XFP ports
(JG508A)
$21,779

HP 7506 Vertical Switch Chassis
(JD241B)
$7,309

HP 7506 Switch Chassis
(JD239B)
$6,399

HP 7503 Switch with 48-port Gig-T PoE+ Module and 384Gbps MPU with 2 XFP ports
(JG507A)
$17,099

HP 7503 Switch Chassis
(JD240B)
$3,649

Recommended service options

Care Pack #	Description	U.S. list price
U2S93E	3 Yr 4hr/24x7 Proactive Care (7510)	$29,444
U2S90E	3 Yr NBD Proactive Care (7510)	$21,459
U3NK0E	3 Yr Foundation Care 4 hr Exchange (7510)	$16,794
U2P42E	3 Yr 4hr/24x7 Proactive Care (7506)	$14,596
U2P39E	3 Yr NBD Proactive Care (7506)	$10,669
U3SV4E	3 Yr Foundation Care 4 hr Exchange (7506)	$8,348
U2T02E	3 Yr 4hr/24x7 Proactive Care (7503)	$10,353
U2S99E	3 Yr NBD Proactive Care (7503)	$7,544
U3NH1E	3 Yr Foundation Care 4 hr Exchange (7503)	$5,904

Features and benefits

- Multilayer 10-, 6-, 3-, and 2-slot switches with up to 1.536 Tbps performance, up to 84 10GbE and 504 GbE ports; wire-speed Layer 2/3 routing services
- Cost-effective wire-speed 10GbE ports provide the throughput and bandwidth necessary for mission-critical data and high-speed communications
- IRF technology enables multiple interconnected switches to be managed as a single logical entity
- Passive backplane with hot-swappable modules and dual load-sharing redundant management processor modules that enhance network resilience and availability; a fully distributed switching and routing forwarding architecture for scalable system performance
- Can be deployed in enterprise LAN core, aggregation layer, and PoE-enabled wiring closet edge, as well as in metropolitan area networks (MANs)
- Converged network support via wireless controller module
- Network analytics and security support via a NetStream (NetFlow) module and firewall modules

Competing products

- Cisco Catalyst 4500E
- Juniper Networks EX8200
- Brocade FastIron SX
- Extreme Networks BlackDiamond 8800
- Extreme Networks Summit X480

HP 8200 zl Switch Series

OpenFlow

HP 8212-92G-PoE+/2XG-SFP+ v2 zl Switch with Premium Software (J9639A)
$22,999

HP 8212 v2 zl Switch with Premium Software (J9641A)
$12,599

HP 8206-44G-PoE+/2XG-SFP+ v2 zl Switch with Premium Software (J9638A)
$11,999

HP 8206 v2 zl Switch with Premium Software (J9640A)
$7,999

Recommended service options

Care Pack #	Description	U.S. list price
U2R76E	3 Yr 4hr/24x7 Proactive Care (8212 zl)	$9,728
U2R73E	3 Yr NBD Proactive Care (8212 zl)	$7,139
U3SV1E	3 Yr Foundation Care 4 hr Exchange (8212 zl)	$5,513
U2R67E	3 Yr 4hr/24x7 Proactive Care (8206 zl)	$6,852
U2R64E	3 Yr NBD Proactive Care (8206 zl)	$5,027
U3SU8E	3 Yr Foundation Care 4 hr Exchange (8206 zl)	$3,879

Features and benefits

- Distribution and high availability access-layer switch with up to 428 mpps throughput
- 10/100/1000 and 10GbE scalability
- Wire-speed Gigabit connectivity with PoE+
- High-availability platform and software features
- Proven architecture based on ProVision ASIC technology
- Comprehensive features to support a wide range of network deployments
- Supports converged networks via a wireless controller module
- Supports embedded applications via a virtualized server zl services module
- SDN enabled with support for OpenFlow
- Lifetime Warranty 2.0 includes 3 years of 24x7 phone support; see hp.com/networking/warrantysummary for details

Competing products

- Cisco Catalyst 4507R-E
- Cisco Catalyst 3750E
- Cisco Catalyst 3560E
- Cisco Catalyst 3750X
- Brocade FastIron SX
- Extreme Networks BlackDiamond 8800

HP 5400R zl2 Switch Series

OpenFlow

HP 5406R-44G-PoE+/2SFP+ (No PSU) v2 zl2 Switch (J9823A)
$7,569

HP 5412R-92G-PoE+/2SFP+ (No PSU) v2 zl2 Switch (J9825A)
$15,969

HP 5406R-8XGT/8SFP+ (No PSU) v2 zl2 Switch (J9868A)
$7,669

HP 5406R-44G-PoE+/4SFP (No PSU) v2 zl2 Switch (J9824A)
$6,569

HP 5412R-92G-PoE+/4SFP (No PSU) v2 zl2 Switch (J9826A)
$14,369

HP 5406R zl2 Switch (J9821A)
$2,419

HP 5412R zl2 Switch (J9822A)
$4,599

Recommended service options

Care Pack #	Description	U.S. list price
U4UN8E	3 Yr 4hr/24x7 Proactive Care (5412R zl2)	$7,747
U4UN4E	3 Yr NBD Proactive Care (5412R zl2)	$5,647
U4UN0E	3 Yr Foundation Care 4 hr Exchange (5412R zl2)	$4,308
U4UG3E	3 Yr 4hr/24x7 Proactive Care (5406R zl2)	$5,627
U4UF9E	3 Yr NBD Proactive Care (5406R zl2)	$4,099
U4UF5E	3 Yr Foundation Care 4 hr Exchange (5406R zl2)	$3,132

Features and benefits

- 6-slot and 12-slot chassis and associated modules and bundles
- Redundant management and high availability
- Protection against network downtime with CPU protection, virus throttling, and multiple security authentication methods
- High-availability features such as meshing, OSPF-ECMP, trunking, VRRP, and redundant power supply/removable management module (for the chassis-based switch)
- Flexibility to build scalable networks through chassis choice, media choice, and integrated Gigabit PoE
- Enables deployment of convergence and mobility applications faster and more cost-effectively by simplifying choice
- PoE/PoE+ flexibility—full PoE+ on all ports with internal power; up to 288 full PoE+ ports
- Supports converged networks via a wireless controller module
- Supports embedded applications via a virtualized server zl services module
- SDN enabled with support for OpenFlow
- Lifetime Warranty 2.0 includes 3 years of 24x7 phone support; see hp.com/networking/warrantysummary for details

Competing products

- Cisco Catalyst 4507R-E
- Cisco Catalyst 4506E
- Cisco Catalyst 4503E
- Cisco Catalyst 3750X
- Cisco Catalyst 3750E
- Cisco Catalyst 3560E
- Brocade FastIron SX
- Extreme Networks BlackDiamond 8800
- Extreme Networks BlackDiamond 6808

HP 5400 zl Switch Series

OpenFlow

HP 5412-92G-PoE+/2XG-SFP+ v2 zl Switch with Premium Software (J9532A)
$17,199

HP 5412-92G-PoE+/4G-SFP v2 zl Switch with Premium Software (J9540A)
$15,599

HP 5406-44G-PoE+/2XG-SFP+ v2 zl Switch with Premium Software (J9533A)
$8,799

HP 5406-44G-PoE+/4G-SFP v2 zl Switch with Premium Software (J9539A)
$7,799

HP 5412 zl Switch with Premium Software (J9643A)
$4,599

HP 5406 zl Switch with Premium Software (J9642A)
$2,419

HP 5406 8p 10GBASE-T 8p 10GbE SFP+ v2 zl Switch with Premium Software (J9866A)
$8,900

Recommended service options

Care Pack #	Description	U.S. list price
U2R58E	3 Yr 4hr/24x7 Proactive Care (5412 zl)	$8,871
U2R55E	3 Yr NBD Proactive Care (5412 zl)	$6,495
U3SV0E	3 Yr Foundation Care 4 hr Exchange (5412 zl)	$5,010
U2R49E	3 Yr 4hr/24x7 Proactive Care (5406 zl)	$5,595
U2R46E	3 Yr NBD Proactive Care (5406 zl)	$4,089
U3SU5E	3 Yr Foundation Care 4 hr Exchange (5406 zl)	$3,158

Features and benefits

- 6-slot and 12-slot chassis and associated zl modules and bundles
- Protection against network downtime with CPU protection, virus throttling, multiple security authentication methods
- High-availability features such as meshing, OSPF-ECMP, trunking, VRRP, and redundant power supply module (for the chassis-based switch)
- Flexibility to build scalable networks through chassis choice, media choice, and integrated Gigabit PoE
- Enables deployment of convergence and mobility applications faster and more cost-effectively by simplifying choice
- PoE/PoE+ flexibility
- Supports converged networks via a wireless controller module
- Supports embedded applications via a virtualized server zl services module
- SDN enabled with support for OpenFlow
- Lifetime Warranty 2.0 includes 3 years of 24x7 phone support; see hp.com/networking/warrantysummary for details

Competing products

- Cisco Catalyst 4900M
- Cisco Catalyst 4506E
- Cisco Catalyst 4503E
- Cisco Catalyst 3750X
- Cisco Catalyst 3750E
- Cisco Catalyst 3560E
- Brocade FastIron SX
- Extreme Networks BlackDiamond 8800
- Extreme Networks BlackDiamond 6808

HP 4200 vl Switch Series

HP 4208-96 vl Switch
(J8775B)
$4,799

HP 4208-68G-4SFP vl Switch
(J9030A)
$4,799

HP 4208 vl Switch Chassis
(J8773A)
$2,199

HP 4204-44G-4SFP vl Switch
(J9064A)
$3,099

HP 4204 vl Switch Chassis
(J8770A)
$1,499

HP 4202-72 vl Switch
(J8772B)
$3,699

Recommended service options

Care Pack #	Description	U.S. list price
U2K82E	3 Yr 4hr/24x7 Proactive Care (4208 vl)	$2,888
U2K79E	3 Yr NBD Proactive Care (4208 vl)	$2,124
U3NE6E	3 Yr Foundation Care 4 hr Exchange (4208 vl)	$1,567
U2K73E	3 Yr 4hr/24x7 Proactive Care (4204 vl)	$1,444
U2K70E	3 Yr NBD Proactive Care (4204 vl)	$1,062
U3NC8E	3 Yr Foundation Care 4 hr Exchange (4204 vl)	$783
U2K64E	3 Yr 4hr/24x7 Proactive Care (4202 vl)	$799
U2K61E	3 Yr NBD Proactive Care (4202 vl)	$587
U3NB9E	3 Yr Foundation Care 4 hr Exchange (4202 vl)	$439

Features and benefits

- High-density Layer 2 and 3 (basic IP routing) 10/100/1000 switching
- RMON and SMON
- Modular flexibility for the price of competitors' stackables
- Access and management security features, including IEEE 802.1X, Web-based and MAC-based authentication, TACACS+, Secure Shell (SSH), Secure Sockets Layer (SSL), SNMPv3, and RADIUS network login
- Hardware- and software-based high-availability features, including hot-swappable modules, dual flash images, and optional redundant power supply
- Stacking capability uses a single IP address to manage a virtual stack of up to 16 switches
- Lifetime Warranty 2.0 includes 3 years of 24x7 phone support; see hp.com/networking/warrantysummary for details

Competing products

- Cisco Catalyst 2960G
- Cisco Catalyst 2960
- Cisco Catalyst 2960S

HP 5500 HI, EI, and SI Switch Series

OpenFlow

HP 5500-24G-PoE+-4SFP HI Switch with 2 Interface Slots (JG541A)[1]
$6,449

HP 5500-48G-PoE+-4SFP HI Switch with 2 Interface Slots (JG542A)[1]
$10,249

HP 5500-48G-4SFP HI Switch with 2 Interface Slots (JG312A)
$9,209

HP 5500-24G-4SFP HI Switch with 2 Interface Slots (JG311A)
$5,499

HP 5500-24G-SFP HI Switch with 2 Interface Slots (JG543A)[1]
$10,249

HP 5500-48G-PoE+ EI Switch with 2 Interface Slots (JG240A)[1]
$8,519

HP 5500-24G-PoE+ EI Switch with 2 Interface Slots (JG241A)[1]
$5,219

HP 5500-48G EI Switch with 2 Interface Slots (JD375A)[1]
$7,449

HP 5500-24G-SFP EI Switch with 2 Interface Slots (JD374A)[1]
$7,029

HP 5500-24G EI Switch with 2 Interface Slots (JD377A)[1]
$4,099

HP 5500-48G-PoE+ SI Switch with 2 Interface Slots (JG239A)
$7,279

HP 5500-24G-PoE+ SI Switch with 2 Interface Slots (JG238A)
$4,319

HP 5500-48G SI Switch with 2 Interface Slots (JD370A)
$5,819

HP 5500-24G SI Switch with 2 Interface Slots (JD369A)
$3,499

Recommended service options

Care Pack #	Description	U.S. list price
U4H48E	3 Yr 4hr/24x7 Proactive Care (5500-48G-4SFP HI/48G-PoE+-4SPF HI)	$6,319
U4H45E	3 Yr NBD Proactive Care (5500-48G-4SFP HI/48G-PoE+-4SPF HI)	$4,643
U3NG1E	3 Yr Foundation Care 4 hr Exchange (5500-48G-4SFP HI/48G-PoE+-4SPF HI)	$3,437
U4G74E	3 Yr 4hr/24x7 Proactive Care (5500-24G-4SFP HI/24G-PoE+-4SFP HI/24G-SFP HI)	$5,186
U4G71E	3 Yr NBD Proactive Care (5500-24G-4SFP HI/24G-PoE+-4SFP HI/24G-SFP HI)	$3,807
U3NF8E	3 Yr Foundation Care 4 hr Exchange (5500-24G-4SFP HI/24G-PoE+-4SFP HI/24G-SFP HI)	$2,828
U2T20E	3 Yr 4hr/24x7 Proactive Care (5500-48G-PoE+ SI/ 48G SI)	$2,376
U2T17E	3 Yr NBD Proactive Care (5500-48G-PoE+ SI/ 48G SI)	$1,739
U3ST7E	3 Yr Foundation Care 4 hr Exchange (5500-48G-PoE+ SI/ 48G SI)	$1,340
U2N97E	3 Yr 4hr/24x7 Proactive Care (5500-24G-PoE+ SI/ 24G SI)	$2,376
U2N94E	3 Yr NBD Proactive Care (5500-24G-PoE+ SI/ 24G SI)	$1,739
U3ST6E	3 Yr Foundation Care 4 hr Exchange (5500-24G-PoE+ SI/ 24G SI)	$1,340
U4H11E	3 Yr 4hr/24x7 Proactive Care (5500-48G-PoE+ EI/ 48G EI)	$5,264
U4H08E	3 Yr NBD Proactive Care (5500-48G-PoE+ EI/ 48G EI)	$3,863
U3NF7E	3 Yr Foundation Care 4 hr Exchange (5500-48G-PoE+ EI/ 48G EI)	$2,871
U4G37E	3 Yr 4hr/24x7 Proactive Care (5500-24G-PoE+ EI/ 24G EI)	$4,331
U4G34E	3 Yr NBD Proactive Care (5500-24G-PoE+ EI/ 24G EI)	$3,186
U3NF4E	3 Yr Foundation Care 4 hr Exchange (5500-24G-PoE+ EI/ 24G EI)	$2,349

HP 5500 HI, EI, and SI Switch Series (continued)

Features and benefits

5500 HI

- Stackable Layer 2/Layer 3 switches offering resiliency, security, and multiservice support for the edge layer of data centers, large campus networks, and metro Ethernet; can also be used in the core layer of SMB networks
- With two fixed 10G ports and extension flexibility, these switches can provide up to six 10GbE uplinks or 70 GbE ports
- Support for dual power supplies and IRF virtual fabric to provide the highest-level resiliency and manageability
- IPv4/IPv6 and MPLS/VPLS features that provide investment protection and an easy transition from IPv4 to IPv6 networks
- SDN enabled with OpenFlow
- Lifetime Warranty 2.0 includes 3 years of 24x7 phone support; see hp.com/networking/warrantysummary for details

5500 EI

- Stackable, scalable Layer 3 LAN switch series that enhances network performance with Gigabit Ethernet
- 24- and 48-port GbE switches with 10GbE uplinks and L4 RIP and OSPF routing
- Series offers PoE ports and 10GbE uplinks, along with IRF technology that allows managing multiple switches with a single IP address
- Robust switching for the edge or aggregation layer of large enterprise and campus networks or in the core layer of SMB networks
- Lifetime Warranty 2.0 includes 3 years of 24x7 phone support; see hp.com/networking/warrantysummary for details

5500 SI

- Stackable Gigabit Ethernet switches that deliver wire-speed performance: 10/100/1000 and 10GbE
- QoS helps ensure clear VoIP and jitter-free video
- Ideal for enterprise organizations seeking to build a secure, convergence-enhanced campus network
- Lifetime Warranty 2.0 includes 3 years of 24x7 phone support; see hp.com/networking/warrantysummary for details

Competing products

- Cisco Catalyst 3750G
- Cisco Catalyst 3560G
- Brocade FastIron CX
- Brocade FastIron GS
- Juniper Networks EX4200
- Juniper Networks EX3200
- Extreme Networks Summit X450a
- Cisco 3850

HP 5130 EI Switch Series

OpenFlow

HP 5130-24G-4SFP+ EI Switch (JG932A)
$3,167

HP 5130-24G-SFP-4SFP+ EI Switch (JG933A)
$3,999

HP 5130-48G-4SFP+ EI Switch (JG934A)
$4,343

HP 5130-24G-PoE+-4SFP+ (370W) EI Switch (JG936A)
$3,655

HP 5130-48G-PoE+-4SFP+ (370W) EI Switch (JG937A)
$5,119

Recommended service options

Care Pack #	Description	U.S. list price
U7PN8E	3 Yr 4hr/24x7 Proactive Care (5130-24G-PoE+-4SFP+ EI Switch)	$1,254
U7PN2E	3 Yr NBD Proactive Care (5130-24G-PoE+-4SFP+ EI Switch)	$915
U7PM8E	3 Yr Foundation Care 4 hr Exchange (5130-24G-PoE+ -4SFP+ EI Switch)	$696
U7PX1E	3 Yr 4hr/24x7 Proactive Care (5130-24G-4SFP+ EI Switch)	$1,021
U7PW5E	3 Yr NBD Proactive Care (5130-24G-4SFP+ EI Switch)	$746
U7PW1E	3 Yr Foundation Care 4 hr Exchange (5130-24G-4SFP+ EI Switch)	$566
U7QF4E	3 Yr 4hr/24x7 Proactive Care (5130-48G-PoE+-4SFP+ EI Switch)	$1,954
U7QE8E	3 Yr NBD Proactive Care (5130-48G-PoE+-4SFP+ EI Switch)	$1,423
U7QE4E	3 Yr Foundation Care 4 hr Exchange (5130-48G-PoE+ -4SFP+ EI Switch)	$1,088
U7QP7E	3 Yr 4hr/24x7 Proactive Care (5130-48G-4SFP+ EI Switch)	$1,565
U7QP1E	3 Yr NBD Proactive Care (5130-48G-4SFP+ EI Switch)	$1,141
U7QN7E	3 Yr Foundation Care 4 hr Exchange (5130-48G-4SFP+ EI Switch)	$870

Features and benefits

- Ideal for medium to large enterprises looking for centrally managed, high-performance and reliable edge connectivity
- Scalable with 10 Gigabit uplinks, IRF stacking with up to nine units, PoE+, and up to 80 GBps stacking bandwidth
- Static and RIP V1/V2 routing supported for flexibility in network implementation
- Four convenient built-in 10G uplink ports allow uplinks or IRF stacking connections
- Power savings with Energy Efficient Ethernet (EEE)
- SDN ready with support for OpenFlow
- No software licensing required
- Lifetime Warranty 2.0 includes 3 years of 24x7 phone support; see hp.com/networking/warrantysummary for details

Competing products

- Cisco Catalyst 2960X
- Extreme Networks Summit X350

HP 5120 EI and SI Switch Series

HP 5120-48G-PoE+ EI Switch with 2 Interface Slots (JG237A)[1]
$4,318

HP 5120-48G EI Switch with 2 Interface Slots (JE069A)[1]
$3,212

HP 5120-48G EI Switch (JE067A)
$2,659

HP 5120-24G-PoE+ EI Switch with 2 Interface Slots (JG236A)[1]
$2,455

HP 5120-24G EI Switch with 2 Interface Slots (JE068A)[1]
$1,833

HP 5120-24G EI Switch (JE066A)
$1,499

HP 5120-48G SI Switch (JE072A)
$3,099

HP 5120-24G SI Switch (JE074A)
$1,639

HP 5120-16G SI Switch (JE073A)
$1,089

HP 5120-24G-PoE+ (370W) SI Switch (JG091A)
$2,989

HP 5120-24G-PoE+ (170W) SI Switch (JG092A)
$2,449

Recommended service options

Care Pack #	Description	U.S. list price
U2N88E	3 Yr 4hr/24x7 Proactive Care	$1,288
U2N85E	3 Yr NBD Proactive Care	$949
U3NC5E	3 Yr Foundation Care 4 hr Exchange	$696

Features and benefits

5120 EI

- 24 and 48 port switches with optional 10GbE uplinks and L2/L3 capabilities, static routing
- PoE+/non-PoE, AC/DC for power flexibility; IRF technology for improving resilience, reducing complexity
- Wire-speed throughput, performance-enhancing management, and availability—maximizing features to enhance delivery of mission-critical data
- Lifetime Warranty 2.0 includes 3 years of 24x7 phone support; see hp.com/networking/warrantysummary for details

5120 SI

- Stackable 16-, 24-, and 48-port GbE switches with four GbE SFP interfaces
- Comprehensive security control policies
- Diversified QoS policies that eliminate jitter and dropped calls, and help ensure that end users experience no quality issues
- No software licensing required
- Lifetime Warranty 2.0 includes 3 years of 24x7 phone support; see hp.com/networking/warrantysummary for details

Competing products

- Extreme Networks Summit X350
- Cisco Catalyst 2960X

HP 3800 Switch Series

OpenFlow

HP 3800-48G-PoE+-4SFP+ Switch (J9574A)
$8,719

HP 3800-24G-PoE+-2SFP+ Switch (J9573A)
$5,519

HP 3800-48G-PoE+-4XG Switch (J9588A)
$9,719

HP 3800-24G-PoE+-2XG Switch (J9587A)
$6,019

HP 3800-48G-4SFP+ Switch (J9576A)
$7,419

HP 3800-24G-2SFP+ Switch (J9575A)
$4,969

HP 3800-48G-4XG Switch (J9586A)
$8,419

HP 3800-24G-2XG Switch (J9585A)
$5,469

HP 3800-24SFP-2SFP+ Switch (J9584A)
$8,299

Recommended service options

Care Pack #	Description	U.S. list price
U2U28E	3 Yr 4hr/24x7 Proactive Care	$4,331
U2U25E	3 Yr NBD Proactive Care	$3,186
U3NF3E	3 Yr Foundation Care 4 hr Exchange	$2,349

Features and benefits

- Fully managed Layer 3 stackable Gigabit Ethernet switch series designed with a custom HP ProVision ASIC architecture delivers unmatched performance and scalability to meet the needs of the most demanding enterprise networks
- Wide choice of models, including PoE+ and non-PoE+, 10 Gigabit Ethernet SFP+, or 10GBASE-T uplinks
- Low-latency, high-performance, highly resilient network switches, with industry-leading meshed stacking technology to deliver chassis-like resiliency in a flexible, stackable form factor
- Large per-port buffer for bursty traffic handles larger microbursts than competitive products
- Highly resilient mesh stacking reduces downtime, simplifies management, and virtualizes up to 10 switches
- EEE features for lower long-term power and cooling costs
- SDN enabled with OpenFlow 1.3
- No software licensing required
- Lifetime Warranty 2.0 includes 3 years of 24x7 phone support; see hp.com/networking/warrantysummary for details

Competing products

- Cisco Catalyst 3750-X
- Cisco Catalyst 3560-X
- Cisco Catalyst 2960XR
- Juniper EX4200

HP 3600 EI and SI Switch Series

HP 3600-48-PoE+ V2 EI Switch
(JG302B)
$4,289

HP 3600-24-PoE+ V2 EI Switch
(JG301B)
$3,179

HP 3600-48 V2 EI Switch
(JG300A)
$3,009

HP 3600-24 V2 EI Switch
(JG299A)
$2,289

HP 3600-24-SFP V2 EI Switch
(JG303A)
$3,369

HP 3600-48-PoE+ V2 SI Switch
(JG307B)
$3,359

HP 3600-24-PoE+ V2 SI Switch
(JG306B)
$1,969

HP 3600-48 V2 SI Switch
(JG305A)
$2,159

HP 3600-24 V2 SI Switch
(JG304A)
$1,839

Recommended service options

Care Pack #	Description	U.S. list price
U2N70E	3 Yr 4hr/24x7 Proactive Care	$1,366
U2N67E	3 Yr NBD Proactive Care	$1,005
U3NC7E	3 Yr Foundation Care 4 hr Exchange	$740

Features and benefits

3600 EI

- Stackable, scalable, voice-optimized L3 enhanced Fast Ethernet switches for high-performance networking
- Up to 48 10/100 PoE or non-PoE ports, four Gigabit uplinks, 17.6 Gbps switching capacity
- Secure, resilient connectivity and the latest traffic-prioritization technologies for enhancing converged networks
- Robust switching for the enterprise network edge
- Lifetime Warranty 2.0 includes 3 years of 24x7 phone support; see hp.com/networking/warrantysummary for details

3600 SI

- Layer 2/3 Fast Ethernet and PoE switches with features that deliver intelligent, resilient performance, security, and reliability
- Configurations with 48 or 24 10/100 ports, Gigabit uplinks, PoE and non-PoE ports
- 12.8 Gbps switching capacity; AC or DC power flexibility
- Ideal for robust switching at the enterprise network edge
- Lifetime Warranty 2.0 includes 3 years of 24x7 phone support; see hp.com/networking/warrantysummary for details

Competing products

- Cisco Catalyst 3750
- Cisco Catalyst 3560
- Extreme Networks Summit X250e

HP 3500 yl Switch Series

OpenFlow

HP 3500-48G-PoE+ yl Switch (J9311A)
$7,199

HP 3500-24G-PoE+ yl Switch (J9310A)
$3,899

Recommended service options

Care Pack #	Description	U.S. list price
U2K91E	3 Yr 4hr/24x7 Proactive Care (3500-48)	$2,221
U2K88E	3 Yr NBD Proactive Care (3500-48)	$1,627
U3ND9E	3 Yr Foundation Care 4 hr Exchange (3500-48)	$1,218
U2L00E	3 Yr 4hr/24x7 Proactive Care (3500-24)	$1,444
U2K97E	3 Yr NBD Proactive Care (3500-24)	$1,062
U3ND1E	3 Yr Foundation Care 4 hr Exchange (3500-24)	$783

Features and benefits

- Advanced Layer 2/3/4 Fast Ethernet switches offering enterprise-class manageability, robust command line and Web interface, and full SNMP support
- Flexible, scalable networking with Gigabit and 10/100 interfaces; integrated PoE+, PoE, and non-PoE options; and versatile 10GbE connectivity (CX4, X2, and SFP+) on Gigabit switches
- Protection against network downtime with CPU protection, virus throttling, and multiple security authentication methods
- High-availability features such as meshing, OSPF-ECMP, trunking, VRRP, and redundant power supply/removable management module (for the chassis-based switch) help reduce network downtime
- PoE/PoE+ provides up to 30 W per port to power devices such as video IP phones, IEEE 802.11n wireless access points, and advanced pan/zoom/tilt security cameras
- Miercom Certified Green Distinction Award—23 percent energy cost-savings compared to average systems
- Ideal for converged edge, data center, and remote branch office deployments
- Lifetime Warranty 2.0 includes 3 years of 24x7 phone support; see hp.com/networking/warrantysummary for details

Competing products

- Cisco Catalyst 3560E
- Cisco Catalyst 3560
- Brocade FastIron CX
- Brocade FastIron GS
- Juniper Networks EX3200
- Juniper Networks EX2200
- Extreme Networks Summit X450a

HP 3100 EI and SI Switch Series

HP 3100-48 V2 Switch
(JG315A)
$1,819

HP 3100-24-PoE V2 EI Switch
(JD313B)
$1,759

HP 3100-24 V2 EI Switch
(JD320B)
$1,089

HP 3100-16 V2 EI Switch
(JD319B)
$819

HP 3100-8 V2 EI Switch
(JD318B)
$539

HP 3100-24 V2 SI Switch
(JG223A)
$879

HP 3100-16 V2 SI Switch
(JG222A)
$689

HP 3100-8 V2 SI Switch
(JG221A)
$479

Recommended service options

Care Pack #	Description	U.S. list price
U2N61E	3 Yr 4hr/24x7 Proactive Care	$399
U2N58E	3 Yr NBD Proactive Care	$293
U3NB3E	3 Yr Foundation Care 4 hr Exchange	$218

Features and benefits

3100 EI

- Stackable L2 enhanced switch line with enterprise-class security and support for converged voice and data
- 8-, 16-, and 24-port L2 Fast Ethernet switches, with Gigabit uplinks, maximum 17.6 Gbps switching capacity
- PoE/non-PoE, AC and DC models, ACL support, single IP address management
- No software licensing required
- Lifetime Warranty 2.0 includes 3 years of 24x7 phone support; see hp.com/networking/warrantysummary for details

3100 SI

- Stackable, affordable Layer 2 Fast Ethernet switches that enable organizations to do more with less
- 8, 16, and 24 10/100 downlink ports, Gigabit uplinks, single
- No software licensing required
- Lifetime Warranty 2.0 includes 3 years of 24x7 phone support; see hp.com/networking/warrantysummary for details

Competing products

- Cisco Catalyst 2960
- Extreme Networks Summit X150

HP 2920 Switch Series

OpenFlow

HP 2920-48G-PoE+ 740W Switch
(J9836A)
$5,076

HP 2920-48G-PoE+ Switch
(J9729A)
$4,318

HP 2920-48G Switch
(J9728A)
$3,212

HP 2920-24G-PoE+ Switch
(J9727A)
$2,455

HP 2920-24G Switch
(J9726A)
$1,833

Recommended service options

Care Pack #	Description	U.S. list price
U0RX9E	3 Yr 4hr/24x7 Proactive Care (2920-48G 740W)	$2,221
U0RX3E	3 Yr NBD Proactive Care (2920-48G 740W)	$1,627
U3ND7E	3 Yr Foundation Care 4 hr Exchange (2920-48G 740W)	$1,218
U0DX8E	3 Yr 4hr/24x7 Proactive Care (2920-48G)	$1,366
U0DY7E	3 Yr NBD Proactive Care (2920-48G)	$1,005
U3NC6E	3 Yr Foundation Care 4 hr Exchange (2920-48G)	$740
U0DS2E	3 Yr 4hr/24x7 Proactive Care (2920-24G)	$799
U0DT1E	3 Yr NBD Proactive Care (2920-24G)	$587
U3NB8E	3 Yr Foundation Care 4 hr Exchange (2920-24G)	$418

Features and benefits

- Simple, agile, and low TCO basic Layer 3 access switch offers high performance for medium size businesses, SMBs, and branch offices
- Supports up to four modular 10GbE (SFP+ and/or 10GBASE-T) ports and two-port stacking module for flexibility and easy deployment of uplinks and stacking
- Removable and upgradable power supplies for support of up to 1440 Watt PoE+ with HP 640 EPS/RPS
- Power savings with IEEE 802.3az EEE
- Layer 2 and Layer 3 plus static and RIP routing, and robust security
- Easily deployed at enterprise edge, in remote branch offices, and in converged networks
- SDN enabled with OpenFlow 1.3
- No software licensing required
- Lifetime Warranty 2.0 includes 3 years of 24x7 phone support; see hp.com/networking/warrantysummary for details

Competing products

- Cisco Catalyst 2960X

HP 2915 Switch Series
HP 2615 Switch Series

HP 2915-8G-PoE Switch
(J9562A)
$1,199

HP 2615-8-PoE Switch
(J9565A)
$749

Recommended service options

Care Pack #	Description	U.S. list price
U2K10E	3 Yr 4hr/24x7 Proactive Care	$319
U2K07E	3 Yr NBD Proactive Care	$235
U3NA6E	3 Yr Foundation Care 4 hr Exchange	$174

Features and benefits

- Robust 8-port 10/100 or 10/100/1000 switch options with additional 2 dual-personality Gigabit ports for copper or SFP connectivity
- Integrated switching, PoE, and management in one device
- Enterprise-class management, including sFlow agent for end-to-end network visibility, ACLs, and rate-limiting features
- Power IP phones, surveillance cameras, and other PoE applications over a single platform
- Unified, secure, and seamless control across head office and branch offices
- Designed with compact form factor and quiet operation for flexible deployment in small offices, conference rooms, retail front offices, under desks, and other locations requiring low-port-density connectivity
- Energy-efficient design helps reduce power consumption
- No software licensing required
- Lifetime Warranty 2.0 includes 3 years of 24x7 phone support; see hp.com/networking/warrantysummary for details

Competing products

- Cisco Catalyst 3560
- Cisco Catalyst 2960
- Cisco Catalyst 2960G

HP 2620 Switch Series

HP 2620-48-PoE+ Switch
(J9627A)
$2,799

HP 2620-24-PPoE+ Switch
(J9624A)
$1,099

HP 2620-24-PoE+ Switch
(J9625A)
$1,599

HP 2620-48 Switch
(J9626A)
$1,299

HP 2620-24 Switch
(J9623A)
$749

Recommended service options

Care Pack #	Description	U.S. list price
U2U37E	3 Yr 4hr/24x7 Proactive Care	$460
U2U34E	3 Yr NBD Proactive Care	$341
U3SS9E	3 Yr Foundation Care 4 hr Exchange	$262

Features and benefits

- Ideal for network edge access in medium to large enterprises, SMBs, and branch offices
- Managed, basic Layer 3 enterprise edge switches providing secure, reliable 10/100 connectivity in a stackable 24- and 48-port form factor
- Two 10/100/1000BASE-T ports and two SFP slots for Gigabit Ethernet uplink connectivity
- Enterprise-class features include full network management, multicast traffic control, static and RIP IPv4 and IPv6 routing, and network monitoring using sFlow
- Cost-effective solution for customers building converged enterprise edge networks
- 30 W PoE+ support on PoE models; fanless models for quiet operation in open office or wiring closet deployments
- No software licensing required
- Lifetime Warranty 2.0 includes 3 years of 24x7 phone support; see hp.com/networking/warrantysummary for details

Competing product

- Cisco Catalyst 2960 LAN Base
- Cisco Catalyst 2960X
- NETGEAR ProSafe 7326P, 7328S, 7352PS, 7352S

HP 2530 Switch Series

HP 2530-48G-PoE+ Switch
(J9772A)
$3,699

HP 2530-24G-PoE+ Switch
(J9773A)
$1,999

HP 2530-8G-PoE+ Switch
(J9774A)
$729

HP 2530-48G-PoE+-2SFP+ Switch
(J9853A)
$4,499

HP 2530-24G-PoE+-2SFP+ Switch
(J9854A)
$2,799

HP 2530-48G Switch
(J9775A)
$1,999

HP 2530-24G Switch
(J9776A)
$1,099

HP 2530-8G Switch
(J9777A)
$599

HP 2530-48G-2SFP+ Switch
(J9855A)
$3,199

HP 2530-24G-2SFP+ Switch
(J9856A)
$2,099

HP 2530-48-PoE+ Switch
(J9778A)
$1,769

HP 2530-24-PoE+ Switch
(J9779A)
$1,049

HP 2530-8-PoE+ Switch
(J9780A)
$599

HP 2530-48 Switch
(J9781A)
$759

HP 2530-24 Switch
(J9782A)
$419

HP 2530-8 Switch
(J9783A)
$339

Recommended service options

Care Pack #	Description	U.S. list price
U2K10E	3 Yr 4hr/24x7 Proactive Care	$319
U2K07E	3 Yr NBD Proactive Care	$235
U3NB0E	3 Yr Foundation Care 4 hr Exchange	$174

Features and benefits

- Fully managed, robust Layer 2 switches provide cost-effective, simple, and secure access layer switching for enterprises, SMBs, and branch offices
- Offers 8, 24, or 48 Gigabit Ethernet or Fast Ethernet ports with four Gigabit uplink ports (two uplinks on 8-port models)
- 30 W PoE+ support on PoE models, compact and fanless models for quiet operation; fully supports voice, video, and wireless deployments
- Performance for bandwidth-hungry applications delivered by models with 10GbE uplinks
- Enterprise-class features, including ACLs, sFlow, EEE, and IPv4/IPv6 routing host support
- No software licensing required
- Lifetime Warranty 2.0 includes 3 years of 24x7 phone support; see hp.com/networking/warrantysummary for details

Competing products

- Cisco Catalyst 2960/2960-S/2960-X LAN Lite

OfficeConnect solutions

OfficeConnect solutions

HP 1920 Switch Series

HP 1920-8G Switch
(JG920A)
$229

HP 1920-8G-PoE+ (65W) Switch
(JG921A)
$439

HP 1920-8G-PoE+ (180W) Switch
(JG922A)
$543

HP 1920-16G Switch
(JG923A)
$349

HP 1920-24G Switch
(JG924A)
$489

HP 1920-24G-PoE+ (180W) Switch
(JG925A)
$926

HP 1920-24G-PoE+ (370W) Switch
(JG926A)
$1,152

HP 1920-48G Switch
(JG927A)
$1,152

Recommended service options

Care Pack #	Description	U.S. list price
U2P66E	3 Yr NBD Proactive Care	$60
U3FU9E	3 Yr Foundation Care 24x7	$55
U3MZ8E	3 Yr Foundation Care 4 hr Exchange	$44

Features and benefits

- Advanced smart-managed, voice-ready, fixed-configuration Layer 2+ switches with 48, 24, 16, or 8 10/100/1000 ports and an additional four true Gigabit Ethernet SFP ports
- PoE+ models available in 8 and 24 port configurations that fully support voice, video and wireless applications
- Plug-and-play setup, yet highly customizable using a Web-based interface
- Access control lists for enhanced security, and advanced QoS features to improve performance in VoIP implementations
- Advanced features for environments not requiring centralized administration
- Ideal for small and midsize organizations, especially those with no dedicated IT staff

Competing products

- Cisco SG300 Switch Series
- NETGEAR GS7XXX Switch Series
- D-Link DGS 12XX/15XX Switch Series

HP 1910 Switch Series

HP 1910-48 Switch
(JG540A)
$449

HP 1910-24 Switch
(JG538A)
$239

HP 1910-24-PoE+ Switch
(JG539A)
$579

HP 1910-8-PoE+ Switch
(JG537A)
$339

HP 1910-8 Switch
(JG536A)
$129

Recommended service options

Care Pack #	Description	U.S. list price
U2P66E	3 Yr NBD Proactive Care	$60
U3FU9E	3 Yr Foundation Care 24x7	$55
U3MZ8E	3 Yr Foundation Care 4 hr Exchange	$44

Features and benefits

- Advanced smart-managed, voice-ready fixed-configuration Layer 2+ switches with 48, 24, or 8 10/100 ports and an additional two Gigabit combo uplink ports
- 8- and 24-port models are available with PoE+ functionality and fully support voice, video, and wireless deployments
- Plug-and-play setup, yet highly customizable using a Web-based interface
- Access control lists for enhanced security, and advanced QoS features to improve performance in VoIP implementations
- Advanced features for environments not requiring centralized administration
- Ideal for small and midsize organizations, especially those with no dedicated IT staff

Competing products

- D-Link DES12XX Switch Series
- Cisco OfficeConnect SFExx
- NETGEAR FS7XXX Switch Series

HP 1810 Switch Series

HP 1810-48G Switch
(J9660A)
$681

HP 1810-24G v2 Switch
(J9803A)
$356

HP 1810-24 v2 Switch
(J9801A)
$205

HP 1810-8G v2 Switch
(J9802A)
$137

HP 1810-8 v2 Switch
(J9800A)
$96

Recommended service options

Care Pack #	Description	U.S. list price
U2T44E	3 Yr NBD Proactive Care (1810-48G)	$60
U3FV0E	3 Yr Foundation Care 24x7 (1810-48G)	$55
U3MZ9E	3 Yr Foundation Care 4 hr Exchange (1810-48G)	$44
U0EE6E	3 Yr NBD Proactive Care (1810-24G)	$60
U3FU3E	3 Yr Foundation Care 24x7 (1810-24G)	$55
U3MZ1E	3 Yr Foundation Care 4 hr Exchange (1810-24G)	$44
U2L24E	3 Yr NBD Proactive Care (1810-8G)	$60
U3FU2E	3 Yr Foundation Care 24x7 (1810-8G)	$55
U3MZ0E	3 Yr Foundation Care 4 hr Exchange (1810-8G)	$44

Features and benefits

- HP 1810 Switch Series devices are basic smart-managed, fixed-configuration Gigabit Ethernet and Fast Ethernet Layer 2 switches designed for small businesses looking for key features in an easy-to-administer solution
- The series includes 8- and 24-port Gigabit Ethernet and Fast Ethernet models and a 48-port Gigabit Ethernet switch
- 24- and 48-port models include SFP ports for fiber connectivity; all models support flexible deployment options, including mounting on walls, under tables, or on desktops
- 8- and-24 port models are fanless, making them ideal for office deployments
- The 8-port Gigabit Ethernet model can optionally be powered by an upstream PoE switch
- Customizable features include VLANs, Spanning Tree, and link aggregation trunking
- The 8- and 24-port models include the latest energy-saving capabilities—EEE and idle-port power down—as well as Rapid Spanning Tree Protocol (RSTP) and DSCP QoS policies

Competing products

- Cisco OfficeConnect SLMxx
- NETGEAR GSxx
- D-Link DGS-12xx

HP 1410 Switch Series

HP 1410-24G Switch
(J9561A)
$318

HP 1410-24G-R Switch
(JG708A)
$199

HP 1410-16G Switch
(J9560A)
$215

HP 1410-8G Switch
(J9559A)
$86

HP 1410-24-2G Switch
(J9664A)
$189

HP 1410-24-R Switch
(JD986B)
$99

HP 1410-24 Switch
(J9663A)
$129

HP 1410-16 Switch
(J9662A)
$99

HP 1410-8 Switch
(J9661A)
$59

Recommended service options

Care Pack #	Description	U.S. list price
U2J71E	3 Yr NBD Proactive Care (1410-24G and 1410-16G)	$60
U3FU5E	3 Yr Foundation Care 24x7 (1410-24G and 1410-16G)	$55
U3MZ3E	3 Yr Foundation Care 4 hr Exchange (1410-24G and 1410-16G)	$44
U2J62E	3 Yr NBD Proactive Care (1410-8G)	$60
U3FU4E	3 Yr Foundation Care 24x7 (1410-8G)	$55
U3MZ2E	3 Yr Foundation Care 4 hr Exchange (1410-8G)	$44

Features and benefits

- Flexible, reliable unmanaged Gigabit Ethernet and Fast Ethernet connectivity in compact 8-port and rack-mountable 16- and 24-port designs for plug-and-play connectivity
- Ideal for entry-level networking environments seeking administration-friendly features such as auto-negotiated port speed and automatic detection of the Ethernet cable type (MDI/MDIX)
- Selected models support advanced IEEE 802.3az EEE (JG708A, J9662A, and J9663A)
- Choice of desktop, wall-mount, and rack-mount options for secure, flexible, cost-effective networking

Competing products

- NETGEAR ProSafe JGS/JFS5XX GS/FS1XX
- D-Link DGS-10xx/DES-10xx/DSS
- Cisco OfficeConnect 100 series

HP 1405 Small Office Switch Series

HP 1405-16G Desktop Switch
(JD844A)
$212

HP 1405-16 Desktop Switch
(JD858A)
$81

HP 1405-8G v2 Switch
(J9794A)
$83

HP 1405-8 v2 Switch
(J9793A)
$50

HP 1405-5G v2 Switch
(J9792A)
$53

HP 1405-5 v2 Switch
(J9791A)
$32

Recommended service options

Care Pack #	Description	U.S. list price
U2P57E	3 Yr NBD Proactive Care	$60
U3FU8E	3 Yr Foundation Care 24x7	$55
U3MZ7E	3 Yr Foundation Care 4 hr Exchange	$44

Features and benefits

- Unmanaged fixed-configuration desktop switches with 5 to 16 Gigabit Ethernet or Fast Ethernet ports
- Preconfigured for fast, easy installation, with connections using low-cost Ethernet copper cabling
- Administration-friendly features such as auto negotiated port speed and automatic detection of the Ethernet cable type (MDI/MDIX)
- Quiet, fanless operation
- Energy efficient, with EEE and idle-port power down (v2 models)
- Ideal for small offices looking for low-cost entry-level networking solutions

Competing products

- NETGEAR ProSafe GS6XX/FS6XX
- D-Link DGS-10XX/DES-10XX/DSS/GO-SW
- Cisco OfficeConnect 100 series

HP PS1810 Switch Series

HP PS1810-24G Switch
(J9834A)
$409

HP PS1810-8G Switch
(J9833A)
$185

Recommended service options

Care Pack #	Description	U.S. list price
U0EE6E	3 Yr NBD Proactive Care (PS1810-24G)	$60
U3FU3E	3 Yr Foundation Care 24x7 (PS1810-24G)	$55
U3MZ1E	3 Yr Foundation Care 4 hr Exchange (PS1810-24G)	$44
U2L24E	3 Yr NBD Proactive Care (PS1810-8G)	$60
U3FU2E	3 Yr Foundation Care 24x7 (PS1810-8G)	$55
U3MZ0E	3 Yr Foundation Care 4 hr Exchange (PS1810-8G)	$44

Features and benefits

- Fixed-configuration Gigabit Ethernet Layer 2 switches available in 8- and 24-port models
- 8-port model offers PoE option; 24-port model includes SFP ports for fiber uplink connectivity
- Fanless design; flexible mounting options, including wall-mount and under-table mounting (24-port model is rack-mountable)
- HP Integrated Lights-Out (iLO) interface enables single-pane-of-glass view for switch and server maintenance
- Energy-saving capabilities such as EEE and idle-port power-down
- Lifetime Warranty 2.0 includes 3 years of 24x7 phone support; see hp.com/networking/warrantysummary for details

Competing products

N/A

Routers

HP 8800 Router Series

HP 8812 Router Chassis
(JC150B)
$15,999

HP 8805 Router Chassis
(JC148B)
$9,149

HP 8808-V Router Chassis
(JC149B)
$13,719

Recommended service options

Care Pack #	Description	U.S. list price
U2P87E	3 Yr 4hr/24x7 Proactive Care	$112,901
U2P84E	3 Yr NBD Proactive Care	$82,263
U3NK9E	3 Yr Foundation Care 4 hr Exchange	$64,379

Features and benefits

- Routers with up to 12 slots, 1.44 Tbps switching capacity, 10 Gigabit Ethernet wire-speed forwarding capability, and support for up to 384 T1/E1 wire-speed connections
- Robust, wire-speed 10 Gigabit Ethernet forwarding as well as carrier-class service, security, and availability meet the demands of service and application providers
- Distributed high-performance network processor (NP) and high-capacity crossbar non-blocking switching technology deliver robust network processing performance and flexibility
- Distributed QoS control unit provides end-to-end service, as well as core services with fine granularity
- Dedicated OAM engine and detection plane detect network faults within 30 ms and switch over services within 20 ms without interruption
- Future-proofed with IPv4/IPv6 routing
- Commonly deployed in IP backbone networks, IP MANs, or the core or convergence layers of large IP networks

Competing products

- Cisco 7600 + Sup720
- Juniper Networks MX320/MX960

HP HSR6808 Router Chassis
(JG363A)
$18,000

HP HSR6804 Router Chassis
(JG362A)
$11,000

HP HSR6802 Router Chassis
(JG361A)
$7,000

Recommended service options

Care Pack #	Description	U.S. list price
U8G00E	3 Yr 4hr/24x7 Proactive Care (HSR6808)	$28,075
U8F97E	3 Yr NBD Proactive Care (HSR6808)	$20,454
U3NJ9E	3 Yr Foundation Care 4 hr Exchange (HSR6808)	$16,008
U8F67E	3 Yr 4hr/24x7 Proactive Care (HSR6804)	$25,910
U8F64E	3 Yr NBD Proactive Care (HSR6804)	$18,888
U3NJ8E	3 Yr Foundation Care 4 hr Exchange (HSR6804)	$14,781
U8F34E	3 Yr 4hr/24x7 Proactive Care (HSR6802)	$24,075
U8F31E	3 Yr NBD Proactive Care (HSR6802)	$17,547
U3NJ7E	3 Yr Foundation Care 4 hr Exchange (HSR6802)	$13,732

Features and benefits

- High-performance services with up to 420 mpps forwarding and 2 Tbps switching capacity
- Highly reliable, enhanced backplane capable of supporting 100G/slot line cards (4-port 10GE line card for L2/L3 services supported today)
- Full-featured, resilient routing platform with latest multicore centralized processing, distributed processing architecture and comprehensive routing, switching, and security
- High-availability, high-density WAN connections
- IRF2 support (Q4 CY2013)

Competing products

- Cisco ASR-100x and 7600E Routers
- Juniper M120/MX240/MX480/M320/T320

HP HSR6600 Router Series

HP HSR6602-XG Router
(JG354A)
$26,000

HP HSR6602-G Router
(JG353A)
$18,000

Recommended service options

Care Pack #	Description	U.S. list price
U8D93E	3 Yr 4hr/24x7 Proactive Care	$9,887
U8D89E	3 Yr NBD Proactive Care	$7,209
U3NH0E	3 Yr Foundation Care 4 hr Exchange	$5,641

Features and benefits

- High-performance, ultra-high-end CPE and small campus core/edge WAN routers
- 4-port GE SFP built-in ports on HSR6602-G router; 4-port GE SFP and 2-port 10GE SFP+ ports on HSR6602-XG router
- Compact and innovative multicore centralized processing architecture delivers industry-leading performance and comprehensive routing, switching, and security
- 16-, 8-, 4-, and 2-slot routers with complete portfolio of modular WAN and LAN connectivity options
- Robust high availability and resiliency

Competing products

- Cisco ASR-1001/1002 Routers
- Juniper M7i/M10i Routers

HP 6600 Router Series

HP 6616 Router Chassis
(JC496A)
$12,069

HP 6608 Router Chassis
(JC177B)
$7,500

HP 6604 Router Chassis
(JC178B)
$4,750

HP 6602 Router
(JC176A)
$16,459

Recommended service options

Care Pack #	Description	U.S. list price
U2P78E	3 Yr 4hr/24x7 Proactive Care (6616/6608/6604)	$18,789
U2P75E	3 Yr NBD Proactive Care (6616/6608/6604)	$13,692
U3NJ3E	3 Yr Foundation Care 4 hr Exchange (6616/6608/6604)	$10,715
U2T29E	3 Yr 4hr/24x7 Proactive Care (6602)	$11,339
U2T26E	3 Yr NBD Proactive Care (6616/6608/6604)	$8,270
U3NH4E	3 Yr Foundation Care 4 hr Exchange (6616/6608/6604)	$6,472

Features and benefits

- 16-, 8-, 4-, and 2-slot routers with a complete portfolio of LAN and WAN interface modules and a hardware-based encryption engine
- Support for both narrowband and broadband convergence capability on the same platform, enabling service providers to implement high-speed parallel processing regardless of service stream type or packet size
- Innovative multicore and distributed architecture deliver industry-leading performance, aggregating capability, and advanced security for both enterprise and service provider networks
- Distributed processing architecture, isolated routing and service engines, and isolated control and service panels provide higher reliability and continual services
- Flexible deployment configurations include High-speed Interface Modules (HIMs), Multifunction Interface Modules (MIMs), and Open Application Architecture (OAA)-enabled modules that provide network customization and investment protection
- Excellent choices for carrier-class reliability in network, device, link, and service layers

Competing products

- Cisco ASR1000
- Juniper Networks MX320/MX960

HP MSR4000 Router Series

HP MSR4080 Router Chassis
(JG402A)
$3,500

HP MSR4060 Router Chassis
(JG403A)
$2,500

HP MSR4000 MPU-100 Main Processing Unit
(JG412A)
$2,500

HP MSR4000 SPU-100 Service Processing Unit
(JG413A)
$5,000

HP MSR4000 SPU-200 Service Processing Unit
(JG414A)
$7,500

HP MSR4000 SPU-300 Service Processing Unit
(JG670A)
$10,000

Recommended service options

Care Pack #	Description	U.S. list price
U0YU5E	3 Yr 4hr/24x7 Proactive Care (MSR4080)	$8,709
U0YT9E	3 Yr NBD Proactive Care (MSR4080)	$5,978
U3NG5E	3 Yr Foundation Care 4 hr Exchange (MSR4080)	$4,695
U0ZA2E	3 Yr 4hr/24x7 Proactive Care (MSR4060)	$6,112
U0YZ6E	3 Yr NBD Proactive Care (MSR4060)	$4,201
U3NG0E	3 Yr Foundation Care 4 hr Exchange (MSR4060)	$3,299

Features and benefits

- Up to 36 Mpps forwarding performance; support for multiple concurrent services
- High reliability with separated hardware data and control planes, and dual main processing units (MPUs)
- HP Open Application Platform (OAP) for HP AllianceOne applications
- Powerful aggregation capacity, integrated 10GbE, and support for up to 64 E1 or eight E3/T3 ports
- Zero-touch solution with single-pane-of-glass management

Competing products

- Cisco ISR4451-X
- Cisco ISR3925/3925E, 3945/3945E Routers

HP MSR3000 Router Series

HP MSR3064 Router
(JG404A)
$5,000

HP MSR3044 Router
(JG405A)
$3,500

HP MSR3024 PoE Router
(JG408A)[1]
$3,800

HP MSR3024 AC Router
(JG406A)
$2,500

HP MSR3024 TAA-compliant
AC Router
(JG861A)[1]
$2,750

HP MSR3024 DC Router
(JG407A)[1]
$3,300

HP MSR3012 AC Router
(JG409A)
$2,000

HP MSR3012 DC Router
(JG410A)[1]
$2,500

Recommended service options

Care Pack #	Description	U.S. list price
U0ZF9E	3 Yr 4hr/24x7 Proactive Care (MSR3064)	$4,857
U0ZF3E	3 Yr NBD Proactive Care (MSR3064)	$3,157
U3NFGE	3 Yr Foundation Care 4 hr Exchange (MSR3064)	$2,479
U0ZM6E	3 Yr 4hr/24x7 Proactive Care (MSR3044)	$3,475
U0ZM0E	3 Yr NBD Proactive Care (MSR3044)	$2,395
U3NF0E	3 Yr Foundation Care 4 hr Exchange (MSR3044)	$1,881
U0ZT3E	3 Yr 4hr/24x7 Proactive Care (MSR3024)	$2,568
U0ZS7E	3 Yr NBD Proactive Care (MSR3024)	$1,775
U3NE3E	3 Yr Foundation Care 4 hr Exchange (MSR3024)	$1,393
U0ZZ0E	3 Yr 4hr/24x7 Proactive Care (MSR3012)	$2,032
U0ZY4E	3 Yr NBD Proactive Care (MSR3012)	$1,408
U3ND4E	3 Yr Foundation Care 4 hr Exchange (MSR3012)	$1,105

Features and benefits

- Up to 5 mpps forwarding performance; converged high-performance routing, switching, security, voice, mobility
- Embedded security features with hardware-based encryption, firewall, NAT, and VPNs
- 1+1 power supply for redundancy, backup, and hot-swappable
- HP OAP modules deliver integrated partner services such as virtualization, UC&C, and application optimization
- Zero-touch solution with single-pane-of-glass management

Competing products

- Cisco ISR 2901, 2911, 2921, and 2951 Routers

HP MSR2000 Router Series

HP MSR2004-48 Router
(JG735A)
$3,900

HP MSR2004-24 AC Router
(JG734A)
$2,900

HP MSR2003 AC Router
(JG411A)
$1,000

HP MSR2003 TAA-compliant
AC Router
(JG866A)[1]
$1,080

Recommended service options

Care Pack #	Description	U.S. list price
U7SN7E	3 Yr 4hr/24x7 Proactive Care (MSR2004-48)	$3,036
U7SN1E	3 Yr NBD Proactive Care (MSR2004-48)	$2,178
U7SM7E	3 Yr Foundation Care 4 hr Exchange (MSR2004-48)	$1,680
U7SE1E	3 Yr 4hr/24x7 Proactive Care (MSR2004-24)	$2,502
U7SD5E	3 Yr NBD Proactive Care (MSR2004-24)	$1,800
U7SD1E	3 Yr Foundation Care 4 hr Exchange (MSR2004-24)	$1,386
U1AE7E	3 Yr 4hr/24x7 Proactive Care (MSR2003)	$301
U1AE1E	3 Yr NBD Proactive Care (MSR2003)	$223
U3LP9E	3 Yr Foundation Care 4 hr Exchange (MSR2003)	$113

Features and benefits

- Unmatched flexibility and operational efficiency for small-to-medium enterprise branch offices, along with reduced complexity, simplified management, and increased control
- Up to 1 Mpps forwarding; converged high-performance routing, switching, security, voice, and mobility
- Embedded security features with hardware-based encryption, firewall, NAT, and VPNs
- Industry-leading breadth of LAN and WAN connectivity; up to 24/48 Gigabit Ethernet switching ports integrated
- No additional licensing complexity; no cost for advanced features
- Zero-touch solution with single-pane-of-glass management
- Newest version of HP Comware software provides for a common level of features, service, and security policies across the entire network

Competing products

- Cisco ISR 1941, 1921 Routers

HP MSR1000 Router Series

HP MSR1003-8 AC Router
(JG732A)
$1,229

HP MSR1002-4 AC Router
(JG875A)
$1,000

Recommended service options

Care Pack #	Description	U.S. list price
U3RM8E	3 Yr 4hr/24x7 Proactive Care (MSR1003)	$631
U3RM3E	3 Yr NBD Proactive Care (MSR1003)	$449
U4QM0E	3 Yr Foundation Care 4 hr Exchange (MSR1003)	$321
U7RV5E	3 Yr 4hr/24x7 Proactive Care (MSR1002)	$656
U7RU9E	3 Yr NBD Proactive Care (MSR1002)	$474
U7RU5E	3 Yr Foundation Care 4 hr Exchange (MSR1002)	$365

Features and benefits

- Up to 500 kpps IP forwarding; converged high-performance routing, switching, security, voice, and mobility
- Embedded security features with hardware-based encryption, firewall, NAT, and VPNs
- Industry-leading breadth of LAN and WAN connectivity options
- No additional licensing complexity; no cost for advanced features
- Zero-touch solution with single-pane-of-glass management

Competing products

- Cisco ISR 1941, 1921, 1905 Routers

HP VSR1000 Virtual Services Router Series

HP VSR1008 Comware 7 Virtual Services Router E-LTU (JG813AAE)
$1,250

HP VSR1004 Comware 7 Virtual Services Router E-LTU (JG812AAE)
$850

HP VSR1001 Comware 7 Virtual Services Router E-LTU (JG811AAE)
$500

Recommended service options

Care Pack #	Description	U.S. list price
U2V63E	3 Yr 24x7 Proactive Care SW (VSR1008)	$746
U4AN3E	3 Yr Foundation Care 24x7 (VSR1008)	$541
U1US6E	3 Yr 24x7 Proactive Care SW (VSR1004)	$558
U4AM9E	3 Yr Foundation Care 24x7 (VSR1004)	$414
U2V15E	3 Yr 24x7 Proactive Care SW (VSR1002)	$311
U4AM4E	3 Yr Foundation Care 24x7 (VSR1002)	$229

Features and benefits

- Industry's first Network Function Virtualization (NFV) technology
- Agile deployment across branch, data center, and cloud offload for small-to-medium workloads
- Easy to deploy and manage remotely for faster time to revenue
- Virtualized enterprise-class routing software for multi-tenant, hosted public clouds
- Extends enterprise routing polices to the cloud

Competing products

- Cisco Cloud Services Router (CSR)
- Brocade/Vyatta vRouter
- Juniper vRouter

HP MSR50 Series

HP MSR50-60 Router Chassis (JF231A)
$5,939

HP MSR50-40 Router Chassis (JD433A)
$2,739

HP MSR50-60 DC Router Chassis (JF640A)
$6,819

HP MSR50-40 DC Router Chassis (JF285A)
$2,569

Recommended service options

Care Pack #	Description	U.S. list price
U2Q77E	3 Yr 4hr/24x7 Proactive Care	$5,680
U2Q74E	3 Yr NBD Proactive Care	$3,990
U3SU4E	3 Yr Foundation Care 4 hr Exchange	$3,129

Features and benefits

- Multiservice modular chassis routers with a full portfolio of WAN, LAN, and voice interfaces deliver the functionality of multiple devices and appliances in a single platform
- Packet forwarding performance up to 1280 Kpps and encryption performance up to 600 Mbps
- Embedded or integrated hardware-based encryption and voice processing for unparalleled security and convergence support
- Inline PoE to provision IP phones, wireless LAN (WLAN) access points, and IP security cameras as part of a unified branch office solution
- Hot-swappable modules and power supplies enable quick replacements without network interruption
- Comprehensive IPv4 and IPv6 routing for seamless migration
- Enterprise modular routers designed for large enterprise branches and regional offices as well as midsize businesses

Competing products

- Cisco ISR3800
- Cisco ISR3900
- Juniper J6530

HP MSR30 Series

HP MSR30-60 PoE Router (JF804A)
$6,259

HP MSR30-60 Router (JF230A)
$4,849

HP MSR30-60 DC Router (JF801A)
$6,169

HP MSR30-40 PoE Router (JF803A)
$4,979

HP MSR30-40 Router (JF229A)
$3,569

HP MSR30-40 DC Router (JF287A)
$4,889

HP MSR30-20 PoE Router (JF802A)
$3,519

HP MSR30-20 Router (JF284A)[1]
$2,929

HP MSR30-20 DC Router (JF235A)[1]
$3,929

HP MSR30-16 Router (JF233A)
$2,609

HP MSR30-16 PoE Router (JF234A)
$3,199

HP MSR30-10 Router (JF816A)
$1,459

HP MSR30-10 DC Router (JG184A)
$1,750

Recommended service options

Care Pack #	Description	U.S. list price
U2Q68E	3 Yr 4hr/24x7 Proactive Care	$3,953
U2Q65E	3 Yr NBD Proactive Care	$2,757
U3SU0E	3 Yr Foundation Care 4 hr Exchange	$2,163

Features and benefits

- Multiservice router series with a comprehensive portfolio of interface and module options for reliable, scalable LAN and WAN communications
- Embedded voice processing functionality provides advanced, high-performance analog and digital voice capabilities for delivering converged data, voice, and video
- Forwarding performance up to 360 Kpps and encryption performance up to 240 Mbps
- Flexible power options include AC, DC, and PoE
- Comprehensive IPv6 and IPv4 routing functionality ensures seamless migration
- Unmatched flexibility for enterprise branch/regional offices and service providers seeking enhanced business continuity and operational efficiency

Competing products

- Cisco ISR2800
- Cisco ISR2900
- Juniper J4350

HP MSR20 Series

HP MSR20-40 Router
(JF228A)
$1,829

HP MSR20-20 Router
(JF283A)
$959

HP MSR20-21 Router
(JD663B)
$1,229

Recommended service options

Care Pack #	Description	U.S. list price
U2P96E	3 Yr 4hr/24x7 Proactive Care	$1,620
U2P93E	3 Yr NBD Proactive Care	$1,126
U3ST3E	3 Yr Foundation Care 4 hr Exchange	$883

Features and benefits

- Flexible, economical, full-featured multiservice routers with 10/100 LAN ports
- Full-featured, resilient routing platform, including IPv6 and MPLS, up to 180 kpps forwarding capacity, and 100 Mbps encryption
- Embedded applications for business productivity, enhanced security, and performance acceleration enable users to meet networking objectives today and easily modify applications and services as their businesses evolve
- Flexible power options include AC, DC, and PoE
- Unmatched flexibility for small branch offices and small-to-midsize businesses, along with reduced complexity, simplified management, and increased control

Competing products

- Cisco ISR1841
- Juniper J2350

HP MSR20-1x Series

HP MSR20-13 Router
(JF240A)
$1,509

HP MSR20-13-W Router
(JF808A)
$1,779

HP MSR20-13-W Router (NA)
(JG210A)
$1,283

HP MSR20-12 Router
(JF241A)
$1,419

HP MSR20-12-W Router
(JF807A)
$1,689

HP MSR20-12-T Router
(JF806A)
$1,429

HP MSR20-12-T-W Router (NA)
(JG209A)
$1,220

HP MSR20-11 Router
(JF239A)
$1,009

HP MSR20-10 Router
(JD431A)
$819

Recommended service options

Care Pack #	Description	U.S. list price
U2P96E	3 Yr 4hr/24x7 Proactive Care	$1,620
U2P93E	3 Yr NBD Proactive Care	$1,126
U3ST3E	3 Yr Foundation Care 4 hr Exchange	$883

Features and benefits

- Economical, full-featured multiservice routers designed for converged WAN, wired, and wireless LAN traffic
- All-in-one box with WAN, LAN, wireless, voice, and firewall for simplified management and increased control
- Packet forwarding performance up to 160 kpps and encryption performance up to 30 Mbps
- All models provide one 10/100 WAN, four 10/100 LAN ports, and one USB port
- IEEE 802.11b/g wireless access available in select models
- WAN connectivity on some models also includes T1, E1, G.SHDSL, ADSL2+ over POTS, and synchronous/asynchronous
- Integrated, concurrent services on a single, easy-to-manage platform for use at enterprise branch locations and small-to-midsize businesses

Competing products

- Cisco ISR1800
- Cisco ISR800
- Juniper J2320

HP MSR93x Series

HP MSR930 Router
(JG511A)
$600

HP MSR930 3G Router
(JG513A)
$1,300

HP MSR930 Wireless Router
(JG512A)
$700

HP MSR930 Wireless 11n
(NA) Router
(JH012A)
$700

HP MSR930 4G LTE/3G
CDMA Router
(JG596A)
$1,450

HP MSR930 4G LTE/3G WCDMA
ATT Router
(JG704A)
$1,450

HP MSR930 4G LTE/3G WCDMA
Global Router
(JG665A)
$1,450

HP MSR931 Router
(JG514A)
$900

HP MSR931 3G Router
(JG515A)
$1,400

HP MSR931 Dual 3G Router
(JG531A)
$1,800

HP MSR933 Router
(JG516A)
$1,100

HP MSR933 3G Router
(JG517A)
$1,500

HP MSR935 Router
(JG518A)
$650

HP MSR935 Wireless Router
(JG519A)
$950

HP MSR935 Wireless 11n
(NA) Router
(JH013A)
$950

HP MSR935 3G Router
(JG520A)
$1,280

Recommended service options

Care Pack #	Description	U.S. list price
U0YE6E	3 Yr 4hr/24x7 Proactive Care (MSR936)	$383
U0YE0E	3 Yr NBD Proactive Care (MSR936)	$279
U3NB5E	3 Yr Foundation Care 4 hr Exchange (MSR936)	$219
U0XY9E	3 Yr 4hr/24x7 Proactive Care (MSR935)	$342
U0XY3E	3 Yr NBD Proactive Care (MSR935)	$251
U3NB1E	3 Yr Foundation Care 4 hr Exchange (MSR935)	$197
U0XT2E	3 Yr 4hr/24x7 Proactive Care (MSR933)	$301
U0XS6E	3 Yr NBD Proactive Care (MSR933)	$223
U3NA8E	3 Yr Foundation Care 4 hr Exchange (MSR933)	$174
UBM06E	3 Yr 4hr/24x7 Proactive Care (MSR931)	$383
UBM03E	3 Yr NBD Proactive Care (MSR931)	$279
U3NB4E	3 Yr Foundation Care 4 hr Exchange (MSR931)	$219
U8L68E	3 Yr 4hr/24x7 Proactive Care (MSR930)	$301
U8L65E	3 Yr NBD Proactive Care (MSR930)	$223
U3NA7E	3 Yr Foundation Care 4 hr Exchange (MSR930)	$174

Features and benefits

- High-performance small branch routers based on open standards deliver integrated routing, switching, security, SIP, and 300 kpps performance in a compact, fixed form factor
- Embedded IEEE 802.11b/g/n WLAN connectivity
- Integrated 4G LTE and 3G (optional dual 3G WWAN), with traditional connection options including serial, ADSL2+ (Annex A/M, Annex B/J, over POTS or ISDN), 4-pair G.SHDSL, and WAN Gigabit Ethernet ports
- Comprehensive IPv4 and IPv6 routing, MPLS, QoS, embedded encryption, firewall, NAT, DVPN, GDVPN, security features
- Unified OS, zero-touch solution, and single-pane-of-glass management

Competing products

- Cisco ISR 800 Series Routers
- Huawei AR150 and AR200 Series Routers
- Juniper J-Series Routers

HP MSR900 Router Series

HP MSR920 Router
(JF813A)
$819

HP MSR900 Router
(JF812A)
$499

HP MSR920-W Router
(JF815A)
$1,009

HP MSR900-W Router
(JF814A)
$689

HP MSR920-W Router (NA)
(JG208A)
$1,009

HP MSR900-W Router (NA)
(JG207A)
$498

Recommended service options

Care Pack #	Description	U.S. list price
U2R13E	3 Yr 4hr/24x7 Proactive Care (MSR920)	$479
U2R10E	3 Yr NBD Proactive Care (MSR920)	$349
U3NB6E	3 Yr Foundation Care 4 hr Exchange (MSR920)	$263
U2R04E	3 Yr 4hr/24x7 Proactive Care (MSR900)	$383
U2R01E	3 Yr NBD Proactive Care (MSR900)	$279
U3SS7E	3 Yr Foundation Care 4 hr Exchange (MSR900)	$219

Features and benefits

- Multiservice routers with WAN, LAN, wireless, and firewall all in one box
- High-speed Layer 2 forwarding that expedites traffic across the network and eliminates bottlenecks, dropped calls, and jitter
- 3G uplinks provided through USB 3G modems
- Wi-Fi support provides WLAN access and user authentication
- Standards-based design for complete interoperability in multivendor environments
- Perfect appliance for delivering converged network solutions, including data, voice, and video
- Integrated WLAN solutions for small and midsize enterprises (SMEs) at a price that won't significantly impact their network infrastructure budgets

Competing products

- Cisco ISR 871/881

HP R100 Wireless VPN Routers

HP R110 Wireless 11n VPN WW Router
(J9975A)
$249

HP R110 Wireless 11n VPN AM Router
(J9974A)
$249

HP R120 Wireless 11ac VPN AM Router
(J9976A)
$369

HP R120 Wireless 11ac VPN WW Router
(J9977A)
$369

Recommended service options

Care Pack #	Description	U.S. list price
U7TU5E	3 Yr 4hr/24x7 Proactive Care	$174
U7TT9E	3 Yr NBD Proactive Care	$128
U7TT5E	3 Yr Foundation Care 4 hr Exchange	$98

Features and benefits

- High-speed connectivity with 4-port gigabit switch and 11n single radio/11ac dual radio access point
- Advanced security features like SPI firewall, URL/MAC/IP/content filters, and DoS attack protection
- VPN initiation and termination (IPSec, L2TP, PPTP) for secure data transfers
- USB port for storage applications
- Intuitive graphical interface with easy setup wizard for simple management

Competing products

- Cisco RV Series Routers
- NETGEAR FVS 318X series
- D-Link DIR Series

Management software

HP MSR Open Application Platform (OAP) with VMware vSphere Series and HP Advanced Services zl Modules

HP MSR OAP with VMware vSphere FIC Module
(JG533A)
$4,500

HP MSR OAP with VMware vSphere MIM Module
(JG532A)
$4,000

HP Advanced Services v2 zl Module with HDD
(J9857A)
$6,499

HP Advanced Services v2 zl Module with SSD
(J9858A)
$8,599

Recommended service options

Care Pack #	Description	U.S. list price
U1WY4E	3 Yr 4hr/24x7 Proactive Care (Adv Svc v2 zl Mod w/HDD)	$2,664
U3GA0E	3 Yr Foundation Care 24x7 (Adv Svc v2 zl Mod w/HDD)	$1,838
U1XE7E	3 Yr 4hr/24x7 Proactive Care (Adv Svc v2 zl Mod w/SSD)	$3,174
U3GA4E	3 Yr Foundation Care 24x7 (Adv Svc v2 zl Mod w/SSD)	$2,190

Features and benefits

- Hosts one or multiple VMware-compatible networking or business applications inside the switch

Competing products

- Cisco services modules, application appliance boxes, PC servers

HP Intelligent Management Center (IMC)

HP IMC Enterprise Software Platform with 50-node E-LTU
(JG748AAE)
$15,000

HP IMC Standard Software Platform with 50-node E-LTU
(JG747AAE)
$4,000

HP IMC Basic Software Platform with 50-node E-LTU
(JG546AAE)
$1,995

HP IMC Basic WLAN Manager Software Platform with 50 Access Point E-LTU
(JG590AAE)
$5,495

HP IMC Smart Connect Virtual Appliance Edition E-LTU
(JG766AAE)
$10,999

HP IMC Smart Connect with Wireless Service Manager Virtual Appliance Software E-LTU
(JG767AAE)
$13,599

HP IMC Application Performance Manager Software Module with 25-monitor E-LTU
(JG489AAE)
$7,995

HP IMC Branch Intelligent Management System Software Module with 50-node E-LTU
(JG265AAE)
$4,199

HP IMC Endpoint Admission Defense Software Module 50-user E-LTU
(JG754AAE)
$3,000

HP IMC Extended API Software E-LTU
(JG399AAE)
$9,995

HP IMC Intelligent Analysis Reporter Software E-LTU
(JG138AAE)
$7,995

HP IMC IPSec VPN Manager Software Module with 25-node E-LTU
(JG144AAE)
$3,199

HP IMC MPLS VPN Software Module with 50-node E-LTU
(JF410AAE)
$21,939

HP IMC Network Traffic Analyzer Module with 5-node E-LTU
(JG750AAE)
$3,000

HP IMC QoS Manager Software Module E-LTU
(JF408AAE)
$15,539

HP IMC Remote Site Manager Software Module E-LTU
(JG495AAE)
$749

HP IMC Service Health Manager Software Module E-LTU
(JG398AAE)
$5,995

HP IMC Service Operation Management Software Module E-LTU
(JG139AAE)
$30,999

HP IMC TACACS+ Authentication Manager Software Module with 50-node E-LTU
(JG764AAE)
$1,500

HP IMC Unified Communications Health Manager SW Module w/2-monitor E-LTU
(JG930AAE)
$5,000

HP IMC User Access Manager Software Module with 50-user E-LTU
(JG752AAE)
$3,000

HP IMC User Behavior Auditor Software Module with 50-user E-LTU
(JG760AAE)
$2,500

HP IMC VAN Connection Manager Software Module with E-LTU
(JG494AAE)
$9,995

HP Intelligent Management Center (IMC) (continued)

HP IMC VAN Fabric Manager Software E-LTU
(JG770AAE)
$10,000

HP IMC VAN Resource Automation Manager Software E-LTU
(JG826AAE)
$25,000

HP IMC VAN Software Defined Network Manager E-LTU
(JG827AAE)
$10,000

HP IMC Virtualization Monitor Software E-LTU
(JG547AAE)
$2,995

HP IMC Wireless Service Manager Software Module with 50-Access Point E-LTU
(JF414AAE)
$2,739

Recommended service options

Recommend 3 yr 24x7 Proactive Care or 3 yr Foundation Care 24x7 Care Pack services. For a complete listing of available software service options, please visit hp.com/networking/carepacks.

HP Intelligent Management Center (IMC) (continued)

Features and benefits

HP IMC Enterprise and Standard Edition Software Platforms

- Next-generation management software; provides a self-contained, comprehensive management platform with the flexibility and scalability to meet the needs of advanced enterprise networks
- Designed on a service-oriented architecture that effectively integrates disparate management tools, IMC utilizes hierarchical (requires Enterprise) or distributed deployment methods to provide complete management of network resources, services, and users; IMC supports the management of HP and third-party devices

The following are additional modules available for the Intelligent Management Center platform:

HP IMC Virtual Application Networks Manager

- Provisions applications quickly by accelerating virtual machine deployments with a template-based approach for network automation

HP IMC Application Performance Manager

- Measures the health and performance of business applications

HP IMC Service Health Manager

- Delivers end-to-end health plus monitoring and assurance

HP IMC Remote Site Manager

- Provides comprehensive, efficient remote site management

HP IMC TACACS+ Authentication Manager

- Provides basic authentication, authorization, and accounting functions for network devices or users

HP IMC Extended API License

- Integrates third-party applications with IMC software's open and extensible SOA platform

HP IMC Network Traffic Analyzer Software

- Provides traffic analysis and visibility services for HP IMC

HP IMC User Behavior Software Module (requires NTA module)
- Provides behavioral audit service for HP IMC
- Provides intelligent logging and network analysis of internal users

HP IMC User Access Management Module
- Enhances networking security and network management with HP IMC
- Provides access control for users and device management, thus extending management to network users

HP IMC Endpoint Admission Defense (EAD) Software Module (requires UAM module)
- Provides robust Network Access Control (NAC) for HP IMC
- Helps companies use HP IMC to control and secure their mission-critical data

HP IMC Wireless Services Manager Plug-in
- Integrates wired and wireless enterprise network management solutions for HP IMC

HP IMC Voice Services Manager Software Module
- Provides secure, reliable, and managed IP telephony services for HP IMC

HP IMC MPLS VPN Manager Software
- Provides MPLS VPN discovery, topology, monitoring, auditing, performance, and VPN deployment for HP IMC

HP IMC Quality of Service Manager Software
- Enables traffic classification and control, and service-level reporting for HP IMC

HP IMC Integration Kit for Network Node Manager
- Allows integration of HP IMC with HP Network Node Manager

Competing products

- Cisco LAN Management Suite (LMS)
- SolarWinds

Wireless

HP MultiService (MSM) Controller Series

HP MSM775 zl Premium Controller Module (J9840A)[2]
$8,999

HP MSM760 Mobility Controller (J9420A)
$7,999

HP MSM760 Access Controller (J9421A)
$3,499

HP MSM720 Premium Mobility Controller (WW) (J9694A)
$3,899

HP MSM720 Access Controller (WW) (J9693A)
$1,299

Recommended service options

Care Pack #	Description	U.S. list price
U0ES1E	3 Yr NBD Proactive Care (MSM775)	$8,845
U3GC9E	3 Yr Foundation Care 24x7 (MSM775)	$8,371
U2N31E	3 Yr NBD Proactive Care (MSM760 Mobility Controller)	$4,059
U1ZJ8E	3 Yr Foundation Care 24x7 (MSM760 Mobility Controller)	$4,019
U2N04E	3 Yr NBD Proactive Care (MSM760 Access Controller)	$2,662
U1YX4E	3 Yr Foundation Care 24x7 (MSM760 Access Controller)	$2,669
U2U43E	3 Yr NBD Proactive Care (MSM720 Mobility Controller)	$2,078
U1YX3E	3 Yr Foundation Care 24x7 (MSM720 Mobility Controller)	$2,123
U2U52E	3 Yr NBD Proactive Care (MSM720 Access Controller)	$1,471
U1YX1E	3 Yr Foundation Care 24x7 (MSM720 Access Controller)	$1,489

Features and benefits

- Optimized WLAN architecture reduces LAN traffic
- Management for IEEE 802.11a/b/g/n and 802.11ac HP access points and walljacks
- Robust guest and bandwidth management features for hospitality
- Bonjour support for K-12
- Visual analytics dashboard
- Wireless intrusion detection
- Seamless failover with N+1 redundancy
- Wi-Fi Clear Connect RF optimization and interference mitigation

Competing products

- Aruba 620
- Aruba 650
- Aruba 3200
- Aruba 3400
- Aruba 3600
- Cisco 2500
- Cisco 5508
- Cisco Catalyst 3650
- Ruckus ZoneDirector 1000/1100

HP 870 Unified Wired-WLAN Appliance Series

HP 870 Unified Wired-WLAN Appliance
(JG723A)[1]
$35,999

Recommended service options

Care Pack #	Description	U.S. list price
U1QJ9E	3 Yr NBD Proactive Care	$19,136
U1RP0E	3 Yr Foundation Care 24x7	$18,073
U1RQ1E	3 Yr Foundation Care 4 hr Exchange	$14,184

Features and benefits

- Ideal for large enterprise environments with support for up to 1,536 access points, 30,000 clients, and 40G of centralized throughput
- Flexible forwarding options for unparalleled application performance
- Self-optimizing wireless network with Wi-Fi Clear Connect RF optimization and automatic interference mitigation
- IEEE 802.1x hot-backup, and 1+1, N+1, N+N, and 1+1 redundancy for continuity of services
- Robust security and threat protection with role-based access, integrated wireless IDS/IPS, and endpoint admission defense
- Full IPv4/IPv6 support
- Lifetime Warranty 2.0 includes 3 years of 24x7 phone support; see hp.com/networking/warrantysummary for details

Competing products

- Cisco 5760
- Aruba 7220
- Aruba 7240
- Ruckus ZoneDirector 5000

HP 850 Unified Wired-WLAN Appliance Series

HP 850 Unified Wired-WLAN Appliance (JG722A)[1]
$13,999

Recommended service options

Care Pack #	Description	U.S. list price
U4TS6E	3 Yr NBD Proactive Care	$8,887
U4TS8E	3 Yr Foundation Care 24x7	$8,648
U4TS2E	3 Yr Foundation Care 4 hr Exchange	$6,787

Features and benefits

- Ideal for medium size enterprises with support for up to 512 access points, 10,000 clients, and 10G of centralized throughput
- Flexible forwarding options for unparalleled application performance
- Self-optimizing wireless network with Wi-Fi Clear Connect RF optimization and automatic interference mitigation
- IEEE 802.1x hot-backup, and 1+1, N+1, N+N, and 1+1 redundancy for continuity of services
- Robust security and threat protection with role-based access, integrated wireless IDS/IPS, and endpoint admission defense
- Full IPv4/IPv6 support
- Lifetime Warranty 2.0 includes 3 years of 24x7 phone support; see hp.com/networking/warrantysummary for details

Competing products

- Cisco 5500
- Aruba 7210
- Ruckus ZoneDirector 3000

HP 830 Unified Wired-WLAN Switch Series[1]

HP 830 24-Port PoE+ Unified Wired-WLAN Switch (JG640A)
$6,999

HP 830 8-Port PoE+ Unified Wired-WLAN Switch (JG641A)
$4,099

Recommended service options

Care Pack #	Description	U.S. list price
U8M78E	3 Yr NBD Proactive Care (830 24-Port PoE+)	$2,519
U3GA5E	3 Yr Foundation Care 24x7 (830 24-Port PoE+)	$2,384
U3NF1E	3 Yr Foundation Care 4 hr Exchange (830 24-Port PoE+)	$1,871
U8N15E	3 Yr NBD Proactive Care (830 8-Port PoE+)	$1,175
U3FY8E	3 Yr Foundation Care 24x7 (830 8-Port PoE+)	$1,109
U3ND3E	3 Yr Foundation Care 4 hr Exchange (830 8-Port PoE+)	$870

Features and benefits

- Unified wired and wireless services suitable for small and medium branch offices deploying HP 10500/7500 20G Unified Wired-WLAN
- System-wide approach to WLAN reliability through Wi-Fi Clear Connect
- PoE+ switch capability relieves transmission bottlenecks at core of WLAN network
- Built-in IEEE 802.1X and portal authentication servers
- 8-port and 24-port versions provide edge-to-core unified access and consistent WLAN services

Competing products

- Aruba 600

HP 10500/7500 Unified Wired-WLAN Modules

HP 10500/7500 20G Unified Wired-WLAN Module
(JG639A)
$27,999

Recommended service options

Care Pack #	Description	U.S. list price
U8M41E	3 Yr NBD Proactive Care	$12,741
U3GD4E	3 Yr Foundation Care 24x7	$11,831
U3NJ1E	3 Yr Foundation Care 4 hr Exchange	$9,970

Features and benefits

- Enterprise-scale features, capacity, high reliability, and data processing capacity for wireless networks
- System-wide approach to WLAN reliability through Wi-Fi Clear Connect
- Flexible forwarding modes
- Refined user control and management, comprehensive RF management, security, IPv4/IPv6 dual stack, and end-to-end QoS
- Module easily deployed on Layer 2/3 networks without impact to existing configurations
- Operates in the HP 11900, 10500, and 7500 chassis

Competing products

- Cisco WiSM2 for 6500
- Aruba M3 Controller Module

HP MSM-802.11n Dual Radio Access Point Series

HP MSM460 Dual Radio 802.11n Access Point (AM)
(J9590A)[1]
$999

HP MSM466 Dual Radio 802.11n Access Point (AM)
(J9621A)[1]
$999

HP MSM466-R Dual Radio 802.11n Access Point (AM)
(J9715A)
$1,999

HP MSM430 Dual Radio 802.11n Access Point (AM)
(J9650A)[1]
$699

HP MSM466 Dual Radio 802.11n Access Point (TAA)
(J9656A)[2]
$1,049

HP MSM460 Dual Radio 802.11n Access Point (TAA)
(J9655A)
$1,049

HP MSM430 Dual Radio 802.11n Access Point (TAA)
(J9654A)
$749

Recommended service options

Care Pack #	Description	U.S. list price
U2S63E	3 Yr NBD Proactive Care (MSM460, MSM466)	$312
U3SS8E	3 Yr Foundation Care 4 hr Exchange (MSM460, MSM466)	$238
U2U61E	3 Yr NBD Proactive Care (MSM466-R)	$684
U3NC2E	3 Yr Foundation Care 4 hr Exchange (MSM466-R)	$550
U2S72E	3 Yr NBD Proactive Care (MSM430)	$253
U3SS6E	3 Yr Foundation Care 4 hr Exchange (MSM430)	$194

Features and benefits

- APs with IEEE 802.11n near-Gigabit-Ethernet performance, beam-forming technology for enhanced coverage areas
- Dual radio 802.11n access points operate in the 2.4 GHz and 5 GHz bands, providing backward compatibility for IEEE 802.11a/b/g legacy client devices
- "Three-stream" solution: MSM466-R is industry's first three-spatial-stream outdoor MIMO AP for outdoor coverage, point-to-point, and point-to-multipoint applications
- Up to 450 Mbps per radio on MSM460, MSM466/466-R
- The MSM460 and MSM430 access points have embedded antennas; the MSM466 APs support a range of antennas, which are sold separately
- All APs use standard IEEE 802.3af PoE power, operate with or without wireless controller
- Provide rich WLAN services, indoors or outdoors, for locations from small offices to large enterprise campuses

Competing products

- Aruba AP 105/125/135
- Cisco Aironet 3500/3600

HP 560 802.11ac Dual Radio Access Point Series

HP 560 Wireless Dual Radio 802.11ac (AM) Access Point (J9845A)
$1,199

Recommended service options

Care Pack #	Description	U.S. list price
U4HK4E	3 Yr NBD Proactive Care	$342
U0GL4E	3 Yr Foundation Care 4 hr Exchange	$261

Features and benefits

- Delivers latest in Wi-Fi technology, offering 1.3 Gbps in the 5 GHz frequency band and 450 Mbps in the 2.4 GHz band
- Provides advanced QoS for voice and video communications
- Optimizes WLAN coverage and reliability with Wi-Fi Clear Connect interference detection and intelligent channel switching
- Enhances the user experience in mixed client environments with airtime fairness
- Can be powered by standard IEEE 802.3af PoE
- Improves client performance by automatically redirecting 5 GHz-capable clients to the less-congested 5 GHz spectrum
- Protects against threats with Integrated wireless IDS/IPS

Competing products

- Cisco Aironet 3700
- Cisco Aironet 2700
- Aruba 225
- Ruckus ZoneFlex R700

HP 425 802.11n Dual Radio Access Point Series

HP 425 Wireless Dual Radio 802.11n (AM) Access Point
(JG653A)
$579

HP 425 Wireless 802.11n (AM) 8 Pack AP
(JG687A)
$4,599

Recommended service options

Care Pack #	Description	U.S. list price
U1AK8E	3 Yr NBD Proactive Care (425)	$117
U3NA2E	3 Yr Foundation Care 4 hr Exchange (425)	$87

Features and benefits

- Dual radio offers two-spatial-stream access supporting 300 Mbps per radio
- Supports embedded antennas as well as an optional external antenna
- Powered by IEEE 802.3af PoE or local power supply
- Comprehensive WLAN security with integrated wireless IDS and support for internal and external authentication, authorization, and accounting
- Lifetime Warranty 2.0 includes 3 years of 24x7 phone support; see hp.com/networking/warrantysummary for details

Competing products

- Aruba AP 103
- Cisco 1600
- Ruckus R300

HP 517 802.11ac Unified Walljack Access Device Series

HP 517 Single Radio 802.11ac
(AM) Unified Wired-WLAN Walljack
(J9841A)
$449

Recommended service options

Care Pack #	Description	U.S. list price
U4TZ4E	3 Yr NBD Proactive Care	$114
U4TZ0E	3 Yr Foundation Care 4 hr Exchange	$87

Features and benefits

- Integrates four GbE ports and 802.11ac wireless connectivity, making them ideal for hotel rooms and dorms
- Delivers the latest Wi-Fi technology, offering 1.3 Gbps in the 5 GHz frequency band for high-bandwidth applications
- Optimizes WLAN performance and reliability with Wi-Fi Clear Connect real-time interference identification, and intelligent channel switching
- Requires a single PoE cable drop, reducing cabling, switch ports, and power sourcing
- Supports pass-through port and PoE out, reducing power needs for IP-based VoIP phones
- Lifetime Warranty 2.0 includes 3 years of 24x7 phone support; see hp.com/networking/warrantysummary for details

Competing products

- Ruckus ZF 7025
- Ruckus ZF 7055
- Aruba AP-93H
- Motorola AP 6511
- Cisco Aironet 702W

HP 417 802.11n Unified Walljack Access Device Series

HP 417 Single Radio 802.11n (AM) Unified Wired-WLAN Walljack (JG971A)
$279

HP 417 Single Radio 802.11n (AM) 20-unit Eco-pack Unified Wired-WLAN Walljack (JG973A)
$5,499

Recommended service options

Care Pack #	Description	U.S. list price
U4UU5E	3 Yr NBD Proactive Care	$57
U4UU2E	3 Yr Foundation Care 4 hr Exchange	$43

Features and benefits

- Integrates a single radio 802.11b/g/n wireless access point with one GbE uplink and three 100BASE-T ports in a single device making them ideal for hotel rooms and dorms
- Offers high-speed connectivity and extended range with two, high-gain, embedded antennas
- Improves flexibility with one GbE uplink, three front facing 100BASE-T ports and a pass-through RJ-45 port to support IPTV, VoIP phones, or refrigerators
- Optimizes WLAN performance and reliability with Wi-Fi Clear Connect identification of interference and intelligent channel switching
- Requires a single PoE cable drop, reducing cabling, switch ports, and power sourcing
- Supports a pass-through port and PoE out, reducing additional power needs for IP-based VoIP phones
- Lifetime Warranty 2.0 includes 3 years of 24x7 phone support; see hp.com/networking/warrantysummary for details

Competing products

- Ruckus ZoneFlex 7025
- Ruckus ZoneFlex 7055
- Aruba AP-93H
- Motorola AP 6511
- Cisco Aironet 702W

HP 501 Wireless Client Bridge Series

HP 501 Wireless Client Bridge
(J9835A)
$369

Recommended service options

Care Pack #	Description	U.S. list price
U0EL3E	3 Yr NBD Proactive Care	$57
U3SR9E	3 Yr Foundation Care 4 hr Exchange	$44

Features and benefits

- Links up to 15 Ethernet devices or an RS-232 serial device to a wireless network at Gigabit Ethernet speeds
- Serial RS-232 to wireless media conversion converts legacy non-wireless devices to Wi-Fi–capable devices
- Works with other vendors' controllers and access points
- Links multiple LAN segments via an access point
- Protects network from intrusion with enterprise-class layered security, including an IEEE 802.1X supplicant
- Hardware-accelerated encryption provides high performance with WPA2/AES security
- Lifetime Warranty 2.0 includes 3 years of 24x7 phone support; see hp.com/networking/warrantysummary for details

Competing products

- Motorola CB3000 (a/b/g only)
- Moxa AWK-3121 (a/b/g only)

HP Cloud-Managed 802.11ac Dual Radio Access Point Series

HP 365 Cloud-Managed Dual Radio 802.11ac (WW) Access Point (JL015A)
$1,299

HP 365 Cloud-Managed Dual Radio 802.11ac (US) Access Point (JL016A)
$1,299

Service requirement for each AP

Care Pack #	Description	U.S. list price
U4JD3E	3 Yr NBD Proactive Care	$282
U4JC0E	3 Yr Foundation Care 4 hr Exchange	$215

Features and benefits

- Delivers the latest in Wi-Fi technology, offering 1.3 Gbps in the 5 GHz frequency band to support increasing mobile device densities
- Built-in application awareness provides traffic priority handling for voice and video applications
- Improves the way traffic is distributed across the network and directs clients to the best AP to use with Motion Aware roaming
- Optimizes WLAN coverage and reliability with Wi-Fi Clear Connect interference identification and intelligent channel switching
- Provides comprehensive threat protection with integrated IDS/IPS
- Delivers integrated Web filtering and malware protection with cloud-based security services

Competing products

- Meraki MR34
- Aerohive AP370

HP Cloud-Managed 802.11n Dual Radio Access Point Series

HP 350 Cloud-Managed Dual Radio 802.11n (WW) Access Point (JL011A)
$499

HP 350 Cloud-Managed Dual Radio 802.11n (US) Access Point (JL012A)
$499

HP 355 Cloud-Managed Dual Radio 802.11n (WW) Access Point (JL013A)
$999

HP 355 Cloud-Managed Dual Radio 802.11n (US) Access Point (JL014A)
$999

Service requirement for each AP

Care Pack #	Description	U.S. list price
U4JD0E	3 Yr NBD Proactive Care (HP 350)	$57
U4JB8E	3 Yr Foundation Care 4 hr Exchange (HP 350)	$43
U4JD1E	3 Yr NBD Proactive Care (HP 355)	$170
U4JJ1E	3 Yr Foundation Care 4hr Exchange (HP 355)	$129

Features and benefits

- Provides two and three spatial stream access points offering enhanced coverage and reliability for voice and multimedia applications
- Built-in application awareness provides traffic priority handling for voice and video applications
- Improves the way traffic is distributed across the network and directs clients to the best AP to use with Motion Aware roaming
- Optimizes WLAN coverage and reliability with Wi-Fi Clear Connect interference identification and intelligent channel switching
- Provides comprehensive threat protection with integrated IDS/IPS
- Delivers integrated Web filtering and malware protection with cloud-based security services

Competing products

- Meraki MR26
- Aerohive AP330
- Meraki MR18
- Aerohive AP121

HP Cloud Network Manager Software Series

HP Cloud Network Manager
1 Year E-LTU
(JL020AAE)
$199

HP Cloud Network Manager
3 Year E-LTU
(JL021AAE)
$299

Recommended service options

Recommend 3 Yr 24x7 Proactive Care or 3 Yr Foundation Care 24x7 Care Pack services. For a complete listing of available software service options, please visit hp.com/networking/carepacks.

Features and benefits

- Provides scalable management for multiple cloud-managed WLANs
- Enables hosting across multiple data center locations and stacking around the world for redundancy
- Offers a quick summary of the health of all networks, access points, clients, and alerts
- Speeds problem resolution across multiple sites with easy drill-down menus
- Enables IT to perform remote troubleshooting from the cloud
- Speeds deployment by automatically downloading access point configurations from the cloud

Competing products

- Aerohive HiveManager Online
- Meraki Cloud Management

HP Mobility Security IDS/IPS System Series

HP RF Planner
(J9400A)
$3,999

HP RF Manager for VMware
50 Sensor E-LTU
(J9838AAE)
$6,499

HP MSM415 RF Security Sensor
(J9522A)
(requires HP RF Manager or
RF Manager for VMware)
$899

HP RF Manager Advanced Wireless
IPS License
(J9644A)
$8,499

Recommended service options

Care Pack #	Description	U.S. list price
U2U85E	3 Yr 24x7 Proactive Care SW (RF Planner)	$2,040
U4AP8E	3 Yr Foundation Care 24x7 (RF Planner)	$1,362
U2V72E	3 Yr 24x7 Proactive Care SW (RF Mgr for VMware)	$3,514
U4AR3E	3 Yr Foundation Care 24x7 (RF Mgr for VMware)	$2,549
U2M59E	3 Yr NBD Proactive Care (MSM415 RF Security Sensor)	$139
U3SS3E	3 Yr Foundation Care 4 hr Exchange (MSM415 RF Sec Sensor)	$105
U3ND8E	3 Yr Foundation Care 4 hr Exchange (RF Mgr Controller)	$1,223
U2V75E	3 Yr 24x7 Proactive Care SW (RF Mgr Adv Wireless IPS Lic)	$5,535
U4AR5E	3 Yr Foundation Care 24x7 (RF Mgr Adv Wireless IPS Lic)	$3,881

Features and benefits

- Central management of security policies with flexibility to customize through site-specific guidelines
- Out-of-the-box and custom reports
- Predefined reports for HIPAA, PCI, Sarbanes-Oxley, Gramm-Leach-Bliley, and DoD Directive 1800.2 help you to identify and remedy security violations quickly
- Roles-based administrative rights
- Integrates with existing SNMP management systems
- Works with MSM access points with security sensor software
- Continuous monitoring of wireless environment with dedicated sensor
- HP RF Planner features patent-pending RF propagation model, graphical display of wireless LAN spillage, security coverage modeling, drag-and-drop functionality, and outdoor modeling capability

Competing products

N/A

HP M220 802.11n Access Point Series

HP M220 802.11n AM Access Point
(J9798A)
$377

Recommended service options

Care Pack #	Description	U.S. list price
U7T26E	3 Yr NBD Proactive Care	$118
U3SS1E	3 Yr Foundation Care 4 hr Exchange	$89

Features and benefits

- Wireless access point for offices or other locations where multiple APs—up to 16—are recommended for “everywhere” Wi-Fi coverage
- M220 Access Points are dual-band, single-radio devices supporting high-speed wireless networking at 5 GHz or 2.4 GHz; dual-band operation gives you flexibility to use the less congested 5 GHz spectrum for better wireless performance, better user experience, and faster delivery of mobile applications
- Runs standalone or clustered for simplified administration of up to 16 M220 APs
- With clustering technology, a configuration change on one access point propagates across all M220 Access Points so changes are uniform throughout the network for consistent security and uninterrupted wireless client roaming; clustering technology requires no wireless controller or additional hardware, enabling you to keep your network easily accessible
- Fully compatible with the high-speed IEEE 802.11n wireless standard and backward-compatible for legacy IEEE 802.11a/b/g support
- Sensitive business data is protected using enterprise-level security features
- IEEE 802.1af PoE powering simplifies deployment and dramatically reduces installation costs by helping to eliminate the time and cost involved in supplying local power at each access point location

Competing products

- Cisco WAP321
- NETGEAR WNDAP360
- D-Link DAP-2553

HP M210 802.11n Access Point

HP M210 802.11n (AM)
Access Point
(JL023A)
$159

Recommended service options

Care Pack #	Description	U.S. list price
U4VP1E	3 Yr NBD Proactive Care	$43
U4VN8E	3 Yr Foundation Care 4 hr Exchange	$32

Features and benefits

- HP's least expensive AP—wireless access point for small office or home needing one to four APs for "everywhere" Wi-Fi coverage
- M210 Access Points are dual-band, single-radio devices supporting high-speed wireless networking at 5 GHz or 2.4 GHz; dual-band operation gives you flexibility to use the less congested 5 GHz spectrum for better wireless performance, better user experience, and faster delivery of mobile applications
- Runs standalone or clustered for simplified administration of up to 4 M210 APs
- With clustering technology, a configuration change on one access point propagates across all M210 Access Points so changes are uniform throughout the network for consistent security and uninterrupted wireless client roaming; clustering technology requires no wireless controller or additional hardware, enabling you to keep your network easily accessible
- Fully compatible with the high-speed IEEE 802.11n wireless standard and backward-compatible for legacy IEEE 802.11a/b/g support
- Sensitive business data is protected using enterprise-level security features
- IEEE 802.1af PoE powering simplifies deployment and dramatically reduces installation costs by helping to eliminate the time and cost involved in supplying local power at each access point location

Competing products

- Cisco WAP121
- NETGEAR WNDAP360
- D-Link DAP-2553

IP telephony/ UC

HP 4110 and HP 4120 IP Phone Series

HP 4110 IP Phone
(J9765A)
$239

HP 4120 IP Phone
(J9766B)
$299

Recommended service options

Care Pack #	Description	U.S. list price
U4GJ8E	3 Yr Foundation Care NBD Exchange	$15

Features and benefits

- Standalone, cost-effective, and mainstream Microsoft® Lync–optimized phones that are ideal for deployment in common areas or desktops
- Delivers rich presence; clear, high-definition audio; and seamless plug-and-play functionality
- Microsoft Office 365 integration supported
- Supports “better together” mode
- PoE connectivity
- Standalone operation in Lync environment
- Dual Gigabit ports allow Gigabit Ethernet connectivity as well as “hot desking” capability
- Flexible mounting options

Competing products

- Aastra 6721ip
- Aastra 6725ip
- Polycom CX500
- Polycom CX600

HP MSR Survivable Branch Communication Modules

HP MSR Small Survivable Branch Communication MIM Module powered by Microsoft Lync (JG587A)
$2,499

HP MSR Medium Survivable Branch Communication MIM Module powered by Microsoft Lync (JG588A)
$4,299

HP MSR Large Survivable Branch Communication FIC Module powered by Microsoft Lync (JG589A)
$4,999

Recommended service options

HP MSR Communication Modules are covered by the Care Pack services on the MSR hardware.

Features and benefits

- Powered by Microsoft Lync for survivable branch services such as external phone call capability and internal peer-to-peer communications
- Combines Microsoft Lync survivable branch application and HP software
- Integrated media gateway supports T1/E1, FXS/FXO
- Toll bypass and least-cost call routing support
- Powerful management interface

Competing products

- Audiocodes Mediant 800
- Audiocodes Mediant 1000
- Audiocodes Mediant 2000
- Sonus SBC1000
- Sonus SBC2000
- Ferrari Electronic OfficeMaster SBA

For more information, visit
hp.com/networking

For training and certification information, visit
hp.com/networking/training

For support information, visit
hp.com/networking/support

For services information, visit
hp.com/networking/services

[1] Visit hp.com/networking for TAA-compliant product part numbers.
[2] External antenna is required and is sold separately.

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